

U.S. Department
of Transportation

United States
Coast Guard



Commander
First Coast Guard District

408 Atlantic Ave.
Boston, MA 02110-3350
Staff Symbol: mor
Phone: (617) 223-8197
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16471

November 5, 1998



PB99-111874

Dear Customer:

Enclosed please find Change Three to the Long Island Sound Area Contingency Plan. Due to problems with printing, some pages face the wrong direction. The Coast Guard intends to correct this problem with the next change, which is now in the works. Please also note the written corrections to the revision instructions

This page is not part of the Area Contingency Plan.

If I can be of further assistance, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "R. E. Hemp".

R. E. HEMP

Lieutenant (j.g.), U.S. Coast Guard

By direction of the District Commander

U.S. Department
of Transportation

United States
Coast Guard



Commander
First Coast Guard District

408 Atlantic Ave.
Boston, MA 02110-3350
Staff Symbol: mor
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16471

JAN 22 1998

From: Commander, First Coast Guard District

To: Commanding Officer, Marine Safety Office Long Island Sound

Subj: APPROVAL OF CHANGE 3 TO LONG ISLAND SOUND AREA CONTINGENCY
PLAN

Ref: (a) Your letter 16465 dtd 15 Dec 97 with enclosed CH-3 to LIS ACP

1. Reference (a) has been reviewed by my staff and determined to be in substantial compliance with prescribed requirements.
2. Continued improvement and revision of the Area Contingency Plans help to ensure that we are always prepared to effectively respond to oil and hazardous substance spills in the coastal zone. I thank the Area Committee for the effort that went into Change 3, and I encourage the Area Committee to continue improving and refining the Area Contingency Plan over the next revision cycle.
3. The Long Island Sound Area Contingency Plan, as modified by Change 3, is hereby approved.


R. M. LARRABEE

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U.S. DEPARTMENT OF COMMERCE



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U.S. Department
of Transportation

United States
Coast Guard



Commander
U.S.C.G Group/MSO
Long Island Sound

120 Woodward Avenue
New Haven, CT 06512
Phone: (203) 468-4470

16465
15 Dec 97

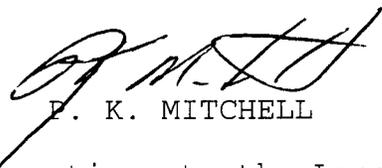
From: Commander, U. S. Coast Guard Group/MSO Long Island Sound
To: Commander, First Coast Guard District (m)

Subj: CHANGE 3 TO LONG ISLAND SOUND AREA CONTINGENCY PLAN (ACP)

1. Forwarded are the required changes to the Long Island Sound Area Contingency Plan. The revision is a reflection of a comprehensive effort by the Area Committee to update the plan annually as required.

2. Contained in this revision are:

- a. Updated Marine Firefighting annex.
- b. Updated Hazardous Material response annex.
- c. Comprehensive update of resource phone numbers.
- d. Listing of State Historic Protection Officers (SHPO's)
- e. Response techniques and listing of facilities which handle Group V Oils
- f. Substantial update to the Sensitive Areas on Long Island.


P. K. MITCHELL

Encl: (1) Revision instructions to the Long Island Sound ACP.



REVISION INSTRUCTIONS
LONG ISLAND SOUND ACP, CHANGE 3

1. Make the following page changes.

REMOVE pages A-V-B-1 thru A-V-C-2
INSERT New pages A-V-B-1 thru A-V-C-2

REMOVE pages A-V-H-5 thru A-V-H-14
INSERT New pages A-V-H-5 thru A-V-H-9 (REVERSE BLANK)

REMOVE pages E-V-C-3 thru E-V-C-28
INSERT New pages E-V-C-3 thru E-V-C-28c

REMOVE pages E-V-C-53 thru E-V-C-62
INSERT New pages E-V-C-53 thru E-V-C-62

REMOVE page E-V-C-69
INSERT New page E-V-C-69

REMOVE page E-V-C-121
INSERT New page E-V-C-121

REMOVE pages E-V-C-144 thru E-V-C-150
INSERT New pages E-V-C-144 thru E-V-C-154 (PAGE NUMBER E-V-C-147
WAS SKIPPED IN THE NUMBERING
SYSTEM)

REMOVE page F-1
INSERT New page F-1

REMOVE pages F-III-1 thru F-III-N-1
INSERT New pages F-III-1 thru F-III-N-2

REMOVE pages F-III-S-1 THRU F-III-T-1
INSERT New page F-III-S-1 THRU F-III-T-1

REMOVE pages F-III-U-1 thru F-III-Z-1
INSERT New pages F-III-U-1 thru F-III-W-4

REMOVE page F-IV-G-1
INSERT New pages F-IV-G-1 thru F-V-5

REMOVE pages J-II-C-2 THRU J-II-D-1
INSERT New pages J-II-C-2 thru J-II-C-8 D-1

REMOVE page M-1
INSERT New page M-1

REMOVE Pages M-13 thru M-26
INSERT New page M-13

REMOVE pages N-1 thru N-8
INSERT New pages N-1 thru N-8

REMOVE pages O-1 thru O-II-3
INSERT New pages O-1 thru O-12



NATIONAL RESPONSE POLICY

1. GENERAL Section 4201 of OPA 90 amended Subsection (c) of Section 311 of the FWPCA, to require the Federal OSC to "in accordance with the National Contingency Plan and any appropriate Area Contingency Plan, ensure effective and immediate removal of a discharge, and mitigation or prevention of a substantial threat of a discharge, of oil or a hazardous substance -

- "(i) into or on the navigable waters;
- "(ii) on the adjoining shorelines to the navigable waters;
- "(iii) into or on the waters of the exclusive economic zone; or
- "(iv) that may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States."

In carrying out these functions, the OSC may:

- "(i) remove or arrange for the removal of a discharge, and mitigate or prevent a substantial threat of a discharge, at any time;
- "(ii) direct or monitor all Federal, State, and private actions to remove a discharge; and
- "(iii) recommend to the Commandant that a vessel discharging or threatening to discharge, be removed and, if necessary, destroyed."

2. OSC ACTION If the discharge or substantial threat of discharge of oil or hazardous substance is of such size or character as to be a substantial threat to the public health or welfare of the United States (including but not limited to fish, shellfish, wildlife, other natural resources, and the public and private beaches and shorelines of the United States), the OSC shall direct all Federal, State, and private actions to remove the discharge or to mitigate or prevent the threat of the discharge.

TAB C TO APPENDIX V TO ANNEX A TO THE COTP LONG ISLAND SOUND ACP

STATE RESPONSE SYSTEM

1. CONNECTICUT STATE SYSTEM

a. In the event of an oil spill or a hazardous material release within a community, the local fire department shall be immediately contacted and will, as provided by Connecticut General Statute (CGS) 7-317e, assume the role of incident commander. Immediate notification must also be made to the Dept. of Environmental Protection as required by CGS 22a-450. Under CGS 22a-449(a) the Department has the statutory responsibility to "cause such discharge, spillage, uncontrolled loss or seepage or filtration to be contained and remove or otherwise mitigated by whatever method said commissioner considers best and most expedient under the circumstances". To implement this responsibility the DEP Oil and Chemical Spill Response Division provides emergency response to mitigate and clean up hazardous material incidents in Connecticut and coordinates response between the federal OSC and the local community incident commander as required by CGS 22a-453.

b. During a spill incident the DEP provides an Emergency Response Coordinators (all ERCs are certified hazardous material technicians) for the following services:

- 1) Incident mitigation for or with the local Fire department and clean up using DEP licensed contractors (CGS 22a-449);
- 2) Determine responsibility for the incident and secure a financial commitment from the responsible party for mitigation and cleanup costs;
- 3) Hire cleanup contractors and arrange for , or provide specialized equipment and technical personnel;
- 4) Assist local on-scene personnel to identify hazardous materials, assess the health and safety hazards to the community, and control/mitigate the incident.
- 5) Coordinate the activities of all other state agencies, US Environmental Protection Agency, and the US Coast Guard (as outlined in CGS 22a-453, Executive Order 24 and the State Basic Emergency Management Plan) with the local fire chief/senior fire officer under the established incident command/unified command system (ICS/UCS) as required by CGS 7-313e);

6) Provide the financial resources needed to mitigate the hazardous material emergency, then recover the cost of mitigation and clean up from the responsible party.

c. Incidents that are required to be reported, by CGS 22a-450, are reported to the DEP Oil and Chemical Spill Response Division 24 Hr EMERGENCY NUMBER (860) 424-3338 (BACKUP 24 HR # (860) 424-3333)

d. Incidents that are required to be reported by EPCRA (SARA TITLE III), CERCLA, RCRA, Federal Code of Regulations Title 40 (Environmental Protection) and/or Title 49 (Transportation) to the Connecticut State Emergency Response Commission are reported to the DEP Oil and Chemical Spill Response Division, 24 hr Emergency # (860) 424-3338 and the local community emergency coordinator. A report to the local fire department is also recommended (call 911 throughout CT).

2. NEW YORK STATE RESPONSE SYSTEM

a. The New York State Department of Environmental Conservation has the responsibility to respond to occurrences of petroleum and hazardous substance incidents and to proceed with cleanup and removal operations in accordance with environmental priorities.

b. New York State has established the New York Environmental Protection and Spill Compensation Fund to provide a source of funds for cleanup and removal operations and compensation of third party damages if liability for the discharge cannot be split.

c. Local fire departments are responsible for responding to any fire hazards resulting from a spill of a combustible material.

d. Nassau County Police share responsibility with all local fire departments for all hazardous material incidents in Nassau County as per Nassau County Title III Hazardous Materials Response Annex.

TAB D TO APPENDIX V TO ANNEX A TO THE COTP LONG ISLAND SOUND ACP
STATE RESPONSE POLICY

TO BE DEVELOPED

e. Coast Guard COTP's in adjoining areas will be directed to assist the designated FOSC by making initial notifications to states, trustees, and other stakeholders in their zones whose waters/resources have the potential of being adversely impacted by the discharge/release.

f. After initial notifications, the designated FOSC will more thoroughly assess the actual threat from the discharge/release and, in the meantime, will also respond or intervene, to the extent practical, to prevent the spread of the pollutant into the contiguous waters of adjoining COTP's zones. After determining the degree of impact likely, the designated FOSC will convey to adjoining COTP's and states the level of response expected from them based on the criteria described in paragraph (g) below.

g. The designated FOSC, to ensure adjoining COTP's and threatened states are afforded every opportunity to efficiently and effectively communicate their planning and response priorities in mounting a proper response to the incident, will invite representatives from affected parties outside his/her zone to join his/her staff at the unified command post according to the following tiered structure:

(1) If "potentially affected," adjoining COTP's and threatened states will send liaison officers who will report directly to the designated FOSC's Liaison Officer.

(2) If "imminent threat" exists (projected impact to occur within 24 hours, based either on scientific data/trajectory or actual observation), adjoining COTP's and threatened states will send a full complement of staff members who will be assumed directly into all germane ICS functional cells, both at the command and general staff level. States will also send a State On Scene Coordinator (SOSC) rep who will become part of the Unified Command.

h. To facilitate information flow and sufficient communication to adjoining COTP's, states and trustees with interest in spills due to potential adverse impacts that may result from the incident, the First District (m)/RRT Co-chair will convey the designated FOSC's daily information reports about the discharge/release to them, as well as to RRT members, using fax, NOAA e-mail, or any other means available and acceptable to the parties involved, including telephonic conference calls.

i. As a failsafe method for adjoining COTP's, threatened states or trustees who believe the communication from the spill site is less than adequate, fallback is for each party to refer its complaint directly to the First District (m)/RRT co-chair for resolution.

5. Spill Of National Significance (SONS)

a. General A SONS is a rare, catastrophic spill which greatly exceeds the response capabilities at the local and regional levels. When responding to an incident of this type, the Coast Guard will continue to use the ICS as its response management structure, with the addition of a strategic management and support function called the ICS Incident Area Command. The ICS Incident Area Command structure can be used in any incident of regional or national significance, or in any case where the Federal On Scene Coordinator (FOSC), First District Commander, or Atlantic Area Commander feels it would be appropriate. Although the general concept for a nationally significant response involves an oil spill, the establishment of an ICS Incident Area Command is appropriate anytime there are large incidents affecting multi-jurisdictional areas.

b. SONS Declaration and Incident Area Command Activation
The Commandant of the Coast Guard alone is empowered to declare a SONS in the coastal zone, taking into account environmental risks, weather conditions, response capabilities, and the amount, or potential amount, of product spilled. The Coast Guard Atlantic Area Commander or First District Commander may recommend to the Commandant that a SONS be declared. Factors to be considered in declaring a SONS include:

- * Multiple OSC zones, districts, or international borders affected;
- * Significant impact or threat to the public health and welfare, wildlife, population, economy and/or property over a broad geographic area;
- * Prolonged period of discharge and/or expected cleanup;
- * Significant public concern and demand for action by parties associated with the event; and, the existence of, or the potential for, a high level of political and media interest.

Once the Commandant declares a SONS, the following actions will occur:

- * An Incident Area Commander will be designated.
- * Other Departments/Agencies will be notified.
- * A unified Area Command will be established.
- * Pre-designated LANTAREA Incident Area Command staff personnel will be activated.

c. General Organization The Incident Area Commander will have overall responsibility for strategic management of the spill event. If the response under the authority of the Incident Area Command is multi-jurisdictional, a unified Incident Area Command should be established. This arrangement allows each jurisdiction to have... representation in the Incident Area Command. Representatives to the Incident Area Command would typically be at the highest executive levels within a responding organization such as a state governor or direct representative, CEO or President of the affected commercial entity. For the incident (s) under its authority, Incident Area Command has the responsibility to:

- * Set the overall incident-related strategic priorities.
- * Allocate critical resources based on those priorities.
- * Ensure that the incident is properly managed.
- * Ensure that incident objectives are met and do not conflict with each other or with agency policy.

When an Incident Area Command is established, Incident Commanders (COTPs) will report to the Incident Area Commander. The Incident Area Commander is accountable to the Commandant.

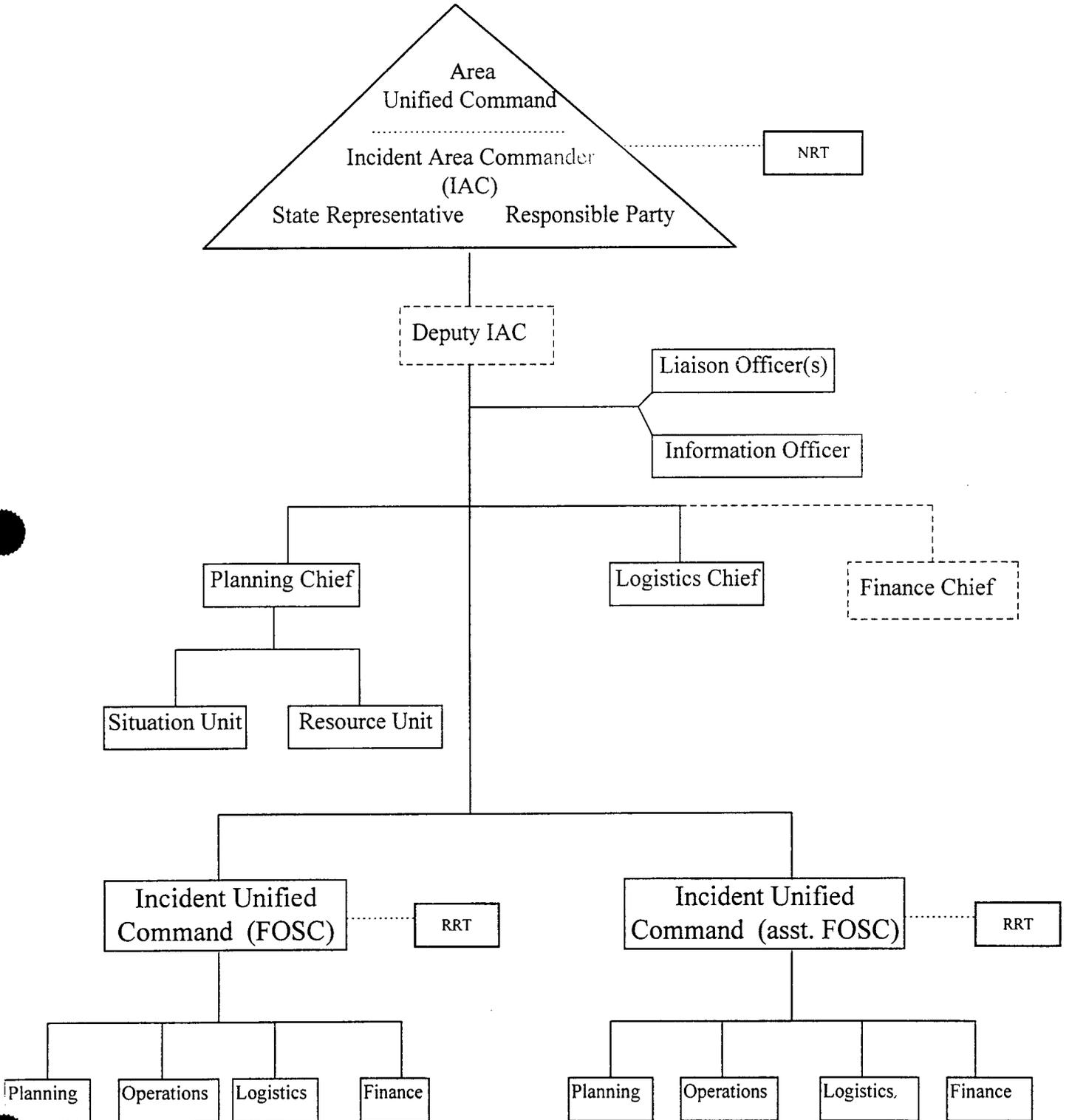
It is important to remember that Incident Area Command does not replace the Incident Command level ICS organization or functions. Incident Commanders under the designated Incident Area Commander are responsible to, and should be considered as part of, the overall Incident Area Command organization. They must be provided adequate and clear delegation of authority, especially relating to who specifically is designated as the FOSC, as per 40 CFR 300.140 (just one person is designated and acts as FOSC). This designation will change, as necessary, as the adverse effects of the spill progress.

d. Incident Area Command composition The following is the suggested make up of the Unified Incident Area Command Chief positions:

<u>Incident Area Command Position</u>	<u>Suggested/Recommended Billet</u>
Unified Incident Area Commander	USCG Area Commander
Deputy Incident Area Commander	District (d), LANT (Am) (O-6) G-MO (O-6), or CO NSFCC (O-6)
Liaison Officer	District (m)/RRT Co-Chair (O-6)
Information Officer	G-CP (O-6)
Protocol Officer	G-CC (O-5)
Public Affairs Officer	LANT Area (ACP) (O-4)
Planning Section Chief	NSFCC CO/XO (O-6/5)
Situation Unit Leader	NSFCC PREP Team Leader (O-4)
Resource Unit Leader	NSFCC OPS (O-4)
Logistics Section Chief	MLC LANT (O-6)
Finance/Admin Chief	NPFC (O-6)

Figure 1 represents a possible staffing structure for an ICS Area Command.

Suggested Incident Command System Area Command Organization





SENSITIVE AREA SUMMARY

Date 7SEP95

A PRIORITY

No. A172 Map No. LIS-19 Name FROST CREEK INLETS AND CREEK ◀ 30 of 30 ▶

USGS Quad _____ NOAA Chart 12364-12365 Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-54.0 N Long. 073-36.5 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 1 kts

GEOGRAPHIC LOCATION: North Shore Of Long Island, East Of Hempstead Harbor, Nassau County, Town Of Oyster Bay

PHYSICAL DESCRIPTION: Course Sand / Gravel Beach With Rocky Out Croppings At Inlet Tidal creek with estuaries intertidal wetlands

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: Shore Birds, Wading Birds, Shellfish

HABITAT: Tidal Wetlands - Wintering area for water fowl

THREATENED/ ENDANGERED: None

OTHER:

RESPONSE CONSIDERATIONS Ownership: Town Of Oyster Bay

ACCESS:

Vehicle

Boat

STAGING AREAS: Oak Neck Bathing Beach

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 1000 ft

Deflect To The East (of most eastern inlet) For Ease Of Recovery

<input type="checkbox"/> PRIORITY	SENSITIVE AREA SUMMARY		Date _____
Site No. <u>A172A</u>	Map No. <u>LIS-15</u>	Name <u>DOSORIS POND/WEST POND</u>	◀ 30 of 30 ▶
USGS Quad _____	NOAA Chart _____	Other _____	
NOAA ESI Atlas <u>LONG ISLAND</u>	ESI Map # _____	Lat. _____ N	Long. _____ W

Agency/Contact	Expertise	Phone
NYS DEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/XXXXXXXXXXXX	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 2 kts

GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, EAST OF HEMPSTEAD HARBOR, NASSAU COUNTY, TOWN OF OYSTER BAY.

PHYSICAL DESCRIPTION: TIDAL POND WITH SUBTIDAL AND INTER-TIDAL HABITAT AND SAWF MARSHES

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK **SEASONAL CONSIDERATIONS:** Sp Su F W

WILDLIFE: WATER FOWL, WADING BIRDS, SHORE BIRDS

HABITAT: Recreational And Commercial And Fin-Fishing

THREATENED/ ENDANGERED: None

OTHER: SIGNIFICANT MARICULTURE/SHELLFISH GROWING AREA

RESPONSE CONSIDERATIONS **Ownership:** _____

ACCESS:

Vehicle

Boat

STAGING AREAS:

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES **Degree of Protectability:** High Medium Low

BOOMING METHOD: Deflect Protect Recover **Minimum Boom Length:** _____ ft

C PRIORITY SENSITIVE AREA SUMMARY Date 7SEP95

Site No. C173 Map No. LIS-15 Name OAK NECK BATHING BEACH 30 of 30
USGS Quad NOAA Chart 12365-12364 Other NOAA 12363
NOAA ESI Atlas LONG ISLAND ESI Map # Lat. 40-54.5 N Long. 073-32.6 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: Tidal Range: 7-8 ft Max Currents: 1 kts
GEOGRAPHIC LOCATION: North Shore Of Long Island, Halfway Between Hempstead Harbor And Cold Spring Harbor.
PHYSICAL DESCRIPTION: Course sand And Gravel Beach

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: Shore Birds

HABITAT:

THREATENED/ ENDANGERED: None

OTHER:

RESPONSE CONSIDERATIONS Ownership: Town Of Oyster Bay

ACCESS:

Vehicle
 Boat

STAGING AREAS: On The Beach

COLLECTION POINTS: On The Beach

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 10,000 ft

Boom To East If Possible

A	PRIORITY	SENSITIVE AREA SUMMARY		Date <u>7SEP95</u>															
Site No. <u>A174</u> Map No. <u>LIS-15</u> Name <u>MILL NECK BAY</u> ◀ 30 of 30 ▶																			
USGS Quad <u>BAYVILLE/LLOYD HARBOR</u> NOAA Chart <u>12365-12364</u> Other <u>NOAA 12363</u>																			
NOAA ESI Atlas <u>LONG ISLAND</u> ESI Map # <u>38,39</u> Lat. <u>40-54.0 N</u> Long. <u>073-32.0 W</u>																			
Agency/Contact	Expertise	Phone																	
NYSDEC/MS ALFIER	ENDANGERED SPECIES	(516) 444-0312																	
USFWS/Robert Paris or	Bill Kolodnicki Wildlife Biologist/Refuge mgr - LINWRC	(516) 286 0485																	
USFWS/John Hickey	Environmental Contaminants Specialist	(607) 753-9334																	
SITE DESCRIPTION Area: _____ Tidal Range: <u>7-8</u> ft Max Currents: <u>3-4</u> kts																			
GEOGRAPHIC LOCATION: Northern Shore Of Long Island, Western End, Town Of Oyster Bay, Nassau County.																			
PHYSICAL DESCRIPTION: Embayment With Subtidal And Intertidal Habitat And Salt Marshes.																			
<table style="width:100%; border:none;"> <tr> <td style="width:25%;">SHORELINE TYPES: (ESI Rank)</td> <td><input type="checkbox"/> 1. Exposed Rocky Shores</td> <td><input type="checkbox"/> 4. Coarse Sand Beaches</td> <td><input type="checkbox"/> 7. Exposed Tidal Flats</td> <td><input checked="" type="checkbox"/> 10. Marshes</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 2. Wave Cut Platforms</td> <td><input checked="" type="checkbox"/> 5. Sand and Gravel Beaches</td> <td><input type="checkbox"/> 8. Sheltered Rocky Shores</td> <td><input checked="" type="checkbox"/> Man-Made Structures</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 3. Fine Sand Beaches</td> <td><input type="checkbox"/> 6. Gravel Beaches / Riprap</td> <td><input checked="" type="checkbox"/> 9. Sheltered Tidal Flats</td> <td></td> </tr> </table>					SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes		<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures		<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes															
	<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures															
	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats																
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>																			
WILDLIFE: Waterfowl, Wading Birds, Shellfish, Winter Flounder																			
HABITAT: Recreational And Commercial Shellfish And Fin Fishing																			
THREATENED/ None																			
ENDANGERED:																			
OTHER: Significant Mariculture/Shellfish Growing Area																			
RESPONSE CONSIDERATIONS Ownership: <u>Public / Multiple Private</u>																			
ACCESS:																			
<input checked="" type="checkbox"/> Vehicle																			
<input checked="" type="checkbox"/> Boat																			
STAGING AREAS: Marina West Of Mill Neck Bridge																			
COLLECTION POINTS: Beach East Of Mill Neck Bridge																			
OTHER: Bridge Must Be Raised To Gain Access (9' Clearance)																			
PROTECTION STRATEGIES Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>																			
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input type="checkbox"/> Protect <input type="checkbox"/> Recover Minimum Boom Length: <u>20,000</u> ft																			
Deflect Off Bridge Area To Beach East Of Bridge																			

A PRIORITY		SENSITIVE AREA SUMMARY		Date
File No.	A175	Map No.	LIS 15/16	Name Oyster Bay Natl Wildlife Refuge
USGS Quad	BAYVILLE LLOYD HARBOR	NOAA Chart	12365-12364	Other
NOAA ESI Atlas	LONG ISLAND	ESI Map #	38-3	Lat. 40-54.0 N Long. 073-32.0 W
Agency/Contact	Expertise	Phone		
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312		
USFWS/Bill Kolodnicki	Assistant Refuge Manager LINWRC	516-286-0485		
FRIENDS OF THE BAY	ECOLOGICAL SERVICES	516-922-6666		
SITE DESCRIPTION Area: 3209 Acres Tidal Range: 7-8 ft Max Currents: 01 kts				
GEOGRAPHIC LOCATION: NORTHERN SHORE OF LONG ISLAND, TOWN OF OYSTER BAY, NASSAU COUNTY				
PHYSICAL DESCRIPTION: EMBAYMENT, WITH SUBTIDAL AND INTERTIDAL HABITAT AND SALT MARHES				
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
	<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>				
WILDLIFE:	Waterfowl including greater scaup, balck duck, bufflehead, canvasback, and old squaw; wading birds (Centre Island Creek), Shellfish, scallops, oysters, and winter flounder.			
HABITAT:	Wintering area for waterfowl; excellent shellfish area			
THREATENED/	State: osprey, least tern, common tern			
ENDANGERED:	Federal: peregrine falcon, bald eagle, Kemp's Ridley sea turtle, loggerhead sea turtle			
OTHER:	Mill creek wetlands, Oyster Bay Harbor and Cold Spring Harbor are NY State Significant Coastal and Wildlife habitats: Oyster Bay Harbor is an excellent recreational fishing area. Significant Mariculture/Shellfish Growing/Harvest Area			
RESPONSE CONSIDERATIONS Ownership: TOWN OF OYSTER BAY/US F&W SERVICE				
ACCESS:	<input checked="" type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Boat			
STAGING AREAS:	SOUTH OF HBR/ROOSEVELT PARK/BOAT RAMP/REST RMS AND ELECTRIC AVAIL. SECONDARY: BEEKMAN BEACH/PUB BEACH/NO RAMP; CENTRE ISL. BEACHES/FAC/ELEC/NO RAMP			
COLLECTION POINTS:	BEEKMAN BEACK			
OTHER:	PRIMARILY MARSHLAND THROUGHOUT			
PROTECTION STRATEGIES Degree of Protectability: High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low <input type="checkbox"/>				
BOOMING METHOD:	<input checked="" type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover		Minimum Boom Length: 20,000 ft	
DEFLECT NORTHWEST TO CENTER ISLAND AT SPECIAL ANCHORAGE COLLECT AT N 40-53.5, W 073-31.0; VAC TRUCK CAN ACCESS HBR ON WEST SHORE RD. DEFLECT DURING FLOOD DAL STAGE TO BEEKMAN BEACH FOR COLLECTION.				

A PRIORITY **SENSITIVE AREA SUMMARY** Date 7SEP95

Site No. A176 Map No. LIS 16 Name COLD SPRING HARBOR 30 of 30
 USGS Quad BAYVILLE/LLOYD HARBOR NOAA Chart 12365,12364 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # 38-3 Lat. 40-54.0 N Long. 073-31.0 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 01 kts
GEOGRAPHIC LOCATION: NORTHERN SHORE OF LONG ISLAND, TOWN OF OYSTER BAY, NASSAU COUNTY
 EASTERN SHORELINE, TOWN OF HUNINGTON, SUFFOLK COUNTY
PHYSICAL DESCRIPTION: SHELTERED GRAVELLY BEACHES TO NORTH, MORE MARSH FURTHER SOUTH

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input checked="" type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHELLFISH, OYSTER, WADING BIRDS, WATERFOWL, ANADROMOUS FISH-TROUT, ALLENIVES
HABITAT: BREEDING AREA FOR SHELLFISH, COMMERCIAL/RECREATIONAL FISHING FOR SHELLFISH AND FINFISH, WINTERING AREA FOR WATERFOWL
THREATENED/ ENDANGERED: NONE
OTHER: PUBLIC BATHING AREA

RESPONSE CONSIDERATIONS Ownership: TOWN OF HUNTINGTON

ACCESS:
 Vehicle
 Boat

STAGING AREAS: MOBIL OIL CORPORATION, COLD SPRING HARBOR FACILITY; BOAT RAMP AVAIL AT COLD SPING HARBOR TOWN BOAT RAMP, HARBOR RD. 4X4 REQUIRED FOR VEHICLE ACCESS TO WATER.
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 10,000 ft
 ATTEMPT TO DEFLECT ONTO FORT HILL SOUTH TO COLUMBIA GROVE ON EAST SHORELINE

A PRIORITY **SENSITIVE AREA SUMMARY** Date 7SEP95A

No. A177 Map No. LIS 16 Name LOYDS POINT 30 of 30

USGS Quad _____ NOAA Chart 12365,12364-G Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-57.0 N Long. 073-29.3 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 1 kts

GEOGRAPHIC LOCATION: NORTHERN SHORE OF LONG ISLAND, TOWN OF HUNTINGTON, NASSAU COUNTY

PHYSICAL DESCRIPTION: ROCKY OUTCROPPINGS PROTECTING GRAVEL BEACHES AND TIDAL MARSHES

- SHORELINE TYPES: (ESI Rank)**
- | | | | |
|---|--|--|---|
| <input checked="" type="checkbox"/> 1. Exposed Rocky Shores | <input type="checkbox"/> 4. Coarse Sand Beaches | <input type="checkbox"/> 7. Exposed Tidal Flats | <input checked="" type="checkbox"/> 10. Marshes |
| <input type="checkbox"/> 2. Wave Cut Platforms | <input checked="" type="checkbox"/> 5. Sand and Gravel Beaches | <input type="checkbox"/> 8. Sheltered Rocky Shores | <input checked="" type="checkbox"/> Man-Made Structures |
| <input type="checkbox"/> 3. Fine Sand Beaches | <input type="checkbox"/> 6. Gravel Beaches / Riprap | <input checked="" type="checkbox"/> 9. Sheltered Tidal Flats | |

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: WADING BIRDS, SHORE BIRDS

HABITAT: CAUMSETT STATE PARK NESTING AREA, SIGNIFICANT INTER-TIDAL MARSH AREA

THREATENED/ ENDANGERED: LEAST TERN, COMMON TERN, PIPING PLOVER

OTHER:

RESPONSE CONSIDERATIONS Ownership: NYS-LONG ISLAND SOUND STATE PARKS COMM.

ACCESS:

- Vehicle
- Boat

STAGING AREAS: USCG STA EATONS NECK WEST NECK BEACH, TOWN OF HUNTINGTON

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 10000 ft

DEFLECT TO EAST IF POSSIBLE (INTO PARK) AND SOUTH OF INLET IF POSSIBLE

PROTECT INNER INTER-TIDAL MARSH AREA

A PRIORITY **SENSITIVE AREA SUMMARY** Date 12/28/94

Site No. A178 Map No. LIS-16 Name Target Rock National Wildlife Refuge 30 of 30
 USGS Quad Lloyd Harbor, NY NOAA Chart 12365,12364 Other NOAA 12363
 NOAA ESI Atlas Long Island ESI Map # 38 Lat. 40 55' 30" N Long. 73 26' 00" W

Agency/Contact	Expertise	Phone
USFWS/Bill Kolodnicki	Assistant Refuge Manager LINWRC	516 286 0485
USFWS/Robert Paris	Wildlife Biologist - LINWRC	516 286 0485
USFWS/John Hickey	Enviornmental Contaminants Specialist	607 753 9334

SITE DESCRIPTION Area: 80 acres Tidal Range: 7-9 ft Max Currents: _____ kts
GEOGRAPHIC LOCATION: Northern Shore of Long Island, western end: Village of Lloyd Harbor, town of Huntington, Suffolk County NY.
PHYSICAL DESCRIPTION: Area of Rocky Beaches, brackish ponds, and hardwood forests

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input checked="" type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: Waterfowl, shorebirds, marine mammals
HABITAT: Wintering area for waterfowl, migratory stopover for shorebirds
THREATENED/ ENDANGERED: State: Common tern, least tern
 Federal: historical piping plover nesting area
OTHER:

RESPONSE CONSIDERATIONS Ownership: US Fish and Wildlife Service
ACCESS: Acces via Berry Road, refuge roadways
 Vehicle
 Boat
STAGING AREAS: USCG-EATONS NECK
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft
 PROTECT BIRD NESTING AREA, DEFLECTION BOMMING MAY ALSO WORK.

A PRIORITY

SENSITIVE AREA SUMMARY

Date 17 AUG

Site No. A179 Map No. LIS-16 Name LLOYD HARBOR 30 of 30
 USGS Quad LLOYD HARBOR, NY NOAA Chart 12365 Other NOAA12363
 NOAA ESI Atlas LONG ISLAND ESI Map # 38 Lat. N Long. W

Agency/Contact	Expertise	Phone
USFWS/BILL KOLODNICI	ASSISTANT REFUGE MANAGER LINWRC	516 286 0485
USFWS/ROBERT PARIS	WILDLIFE BIOLOGIST-LINWRC	516 286 0485
USFWS/JOHN HICKEY	ENVIRONMENTAL CONTAMINANTS SPECIALIST	607 753 9334

SITE DESCRIPTION Area: _____ Tidal Range: 7.5 ft Max Currents: 1 kts

GEOGRAPHIC
LOCATION:

LLOYD HARBOR AND SOUTH WESTERN PART OF HUNTINGTON HARBOR.

PHYSICAL

AREA OF ROCKY BEACHES, BRACKISH PONDS, HARDWOOD FOREST AND TIDAL MARSHES

DESCRIPTION: SUBTIDAL AND INTER-TIDAL HABITAT

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input checked="" type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: WATERFOWL, SHOREBIRDS, MARINE MAMMALS

HABITAT:

WINTERING AREA FOR WATERFOWL, MIGRATORY STOP OVER FOR SHOREBIRDS
COMMERCIAL/RECREATIONAL HARVEST AREA FOR SHELLFISH

THREATENED/ STATE: COMMON TERN, LEAST TERN, OSPREY

ENDANGERED: FEDERAL: HISTORICAL PIPING PLOVER NESTING AREA

OTHER:

RESPONSE CONSIDERATIONS

Ownership: US FISH AND WILDLIFE SERVICE

ACCESS:

Vehicle

ACCES VIA BERRY ROAD, REFUGE ROADWAYS

Boat

STAGING

USCG-EATONS NECK

AREAS:

LILCO NOTHPORT FACILITY & RAMP

COLLECTION

POINTS:

OTHER:

PROTECTION STRATEGIES

Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover

Minimum Boom Length: 6000 ft

CLOSE OFF MOUTH OF LLOYD HBR/PROTECT/600'

A PRIORITY		SENSITIVE AREA SUMMARY		Date 17AUG95
Site No. A180	Map No. LIS 16	Name HUNTINGTON BAY	30 of 30	
USGS Quad LLOYD HARBOR, NY	NOAA Chart 12365	Other NOAA12363		
NOAA ESI Atlas LONG ISLAND	ESI Map # 38	Lat. N	Long. W	
Agency/Contact	Expertise	Phone		
USFWS/Bill Kolodnicki	ASSTSTANT REFUGE MANAGER LINWRC	516 286 0485		
USFWS/ROBERT PARIS	WILDLIFE BIOLOGIST- LINWRC	516 286 0485		
USFWS/JOHN HICKEY	ENVIORNMENTAL CONTAMINANTS SPECIALIST	607 753 9334		
SITE DESCRIPTION Area: Tidal Range: 7-5 ft Max Currents: 1-2 kts				
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION: AREA OF ROCKY BEACHES, BRACKISH PONDS, HARDWOOD FORESTS, SUB-TIDAL & INTER-TIDAL HABITAT				
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
	<input checked="" type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>				
WILDLIFE: WATERFOWL, SHOREBIRDS, MARINE MAMMALS				
HABITAT: WINTERING AREA FOR WATERFOWL, MIGRATORY STOP OVER FOR SHOREBIRDS COMMERCIAL/RECREATIONAL SHELLFISH HARVEST AREA				
THREATENED/ ENDANGERED: STATE: COMMON TERN, LEAST TERN FEDERAL: HISTORICAL PIPING PLOVER MESTING AREA				
OTHER: RECREATIONAL FISHING AREA PUBLIC BATHING AREA				
RESPONSE CONSIDERATIONS Ownership: US FISH AND WILDLIFE SERVICE, HUNTINGTON				
ACCESS: ACCESS VIA BERRY ROAD, REFUGE ROADWAYS				
<input checked="" type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Boat				
STAGING AREAS: USCG-EATONS NECK LILCO NORTHPORT FACILITY & RAMP				
COLLECTION POINTS:				
OTHER:				
PROTECTION STRATEGIES Degree of Protectability: High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low <input type="checkbox"/>				
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input type="checkbox"/> Protect <input checked="" type="checkbox"/> Recover Minimum Boom Length: 10000 ft				
DEFLECTION BOOMING STAGED IN MAIN SECTION OF HUNTINGTON BAY. TO DIRECT A SPILL TO A RECOVERY PT ALONG SEAWALL SOUTH OF BAY.				

<input type="checkbox"/>	PRIORITY	SENSITIVE AREA SUMMARY			Date	
Site No.	A181	Map No.	LIS 17	Name	NORTH PORT BAY	30 of 30
USGS Quad		NOAA Chart	12365	Other		
NOAA ESI Atlas		ESI Map #		Lat.	N	Long. W
Agency/Contact	Expertise				Phone	
UFWS/BILL KOLONICKI	ASSISTANT REFUGE MANAGER LINWRC				516-286-0485	
	WILDLIFE BIOLOGIST-LINWRC				516-286-0485	
	ENVIRONMENTAL CONTAMINANTS SPECIALISTS				516-753-9334	
SITE DESCRIPTION		Area:	Tidal Range:	7.5 ft	Max Currents:	1 kts
GEOGRAPHIC LOCATION:						
PHYSICAL DESCRIPTION:						
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 3. Fine Sand Beaches	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap
	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes	<input checked="" type="checkbox"/> Man-Made Structures	
RESOURCES AT RISK		SEASONAL CONSIDERATIONS: Sp <input type="checkbox"/> Su <input type="checkbox"/> F <input type="checkbox"/> W <input type="checkbox"/>				
WILDLIFE:	WATERFOWL, SHOREBIRDS, MARINE MAMMALS, SHELLFISH					
HABITAT:	WINTERING AREA FOR WATERFOWL, MIGRATORY STOP FOR SHOREBIRDS, COMMERCIAL/RECREATIONAL HARVEST AREA FOR SHELLFISH					
THREATENED/	STATE-COMMON TERN, LEAST TERN					
ENDANGERED:	FEDERAL: HISTORICAL PIPING PLOVER MESTING AREA, PUBLIC BATHING AREA					
OTHER:						
RESPONSE CONSIDERATIONS		Ownership: US FISH AND WILDLIFE SERVICE				
ACCESS:	<input checked="" type="checkbox"/> Vehicle <input type="checkbox"/> Boat					
STAGING AREAS:	USCG-EATON'S NECK, TOWN OF HUNTINGTON, ASHAROKEN BEACH					
COLLECTION POINTS:						
OTHER:	TIDAL GATE-MILL DAM POND-SOUTHERN TERMINAL OF CENTER PORT HARBOR					
PROTECTION STRATEGIES		Degree of Protectability: High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low <input type="checkbox"/>				
BOOMING METHOD:	<input checked="" type="checkbox"/> Deflect	<input checked="" type="checkbox"/> Protect	<input checked="" type="checkbox"/> Recover	Minimum Boom Length: 4000 ft		
EXTENDED DEFLECTION BOOM FROM WEST BEACH SOUTH TO SEAWALL CLOSING OFF NORTH PORT BAY. MAKE RECOVERY PT ALONG SEAWALL AREA EASY ACCESS WITH ROAD RUNNING ALONG SEAWALL.						

A PRIORITY	SENSITIVE AREA SUMMARY		Date <u>17 AUG</u>
Site No. <u>A182</u>	Map No. <u>LIS 17</u>	Name <u>EATONS NECK BASIN</u>	◀ 30 of 30 ▶
USGS Quad _____	NOAA Chart <u>12365</u>	Other _____	
NOAA ESI Atlas _____	ESI Map # _____	Lat. <u>40 56.8 N</u>	Long. <u>73 24 05 W</u>
Agency/Contact	Expertise	Phone	
USFWS/Bill Kolodnicki	ASSISTANT REFUGE MANGER LINWRC	516 286 0485	
USFWS/ ROBERT PARIS	WILDLIFE BIOLOGIST-LINWRC	516 286 0485	
USFWS/JOHN HICKEY	ENVIORNMENTAL CONTAMINANTS SPECIALIST	607 753 9334	
SITE DESCRIPTION Area: _____ Tidal Range: <u>7.5</u> ft Max Currents: <u>2-3</u> kts			
GEOGRAPHIC LOCATION: MOUTH OF EATONS NECK BASIN			
PHYSICAL DESCRIPTION: SUBTIDAL/INTERTIDAL HABITAT AND SALT MARSH.			
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats
	<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores
	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats
			<input checked="" type="checkbox"/> 10. Marshes
			<input checked="" type="checkbox"/> Man-Made Structures
RESOURCES AT RISK		SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>	
WILDLIFE: WATERFOWL, SHOREBIRDS, WADING BIRDS			
HABITAT:			
THREATENED/ LEAST TERN			
ENDANGERED: PIPING PLOVER			
OTHER:			
RESPONSE CONSIDERATIONS		Ownership: _____	
ACCESS:			
<input checked="" type="checkbox"/> Vehicle			
<input checked="" type="checkbox"/> Boat			
STAGING AREAS:		MOUTH OF BASIN	
COLLECTION POINTS: IF OIL ENTERS BASIN USE DOCK AREA AT USCG STATION EATONS NECK.			
OTHER:			
PROTECTION STRATEGIES		Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>	
BOOMING METHOD:		Minimum Boom Length: <u>400</u> ft	
<input checked="" type="checkbox"/> Deflect		<input checked="" type="checkbox"/> Protect	
<input type="checkbox"/> Recover			

A PRIORITY **SENSITIVE AREA SUMMARY** Date 4SEP95

Site No. A184 Map No. LIS 17 Name CRAB MEADOW 30 of 30
 USGS Quad NORTHPORT, NY NOAA Chart 12363-12364-G Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-55.5 N Long. 073-19.4 W

Agency/Contact	Expertise	Phone
NYSDEC/ MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 02 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, TOWN OF HUNTINGTON, NORHTERN SHORE OF LONG ISLAND, EAST OF EATONS NECK
PHYSICAL DESCRIPTION: SAND AND GRAVEL BEACH PROTECTING INTERTIDAL WETLANDS

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHELLFISH, WATERFOWL, WADING BIRD, SHORE BIRD

HABITAT: NESTING AREA

THREATENED/ ENDANGERED: PIPING PLOVER, LEAST TERN
 OTHER: _____

RESPONSE CONSIDERATIONS Ownership: TOWN OF HUNTINGTON

ACCESS:
 Vehicle
 Boat

STAGING AREAS: LILCO NORTHPORT POWER PLANT/SUNKEN MEADOW PARK
 TOWN OF HUNINGTON-CRAB MEADOW BEACH FACILITY

COLLECTION POINTS: SUNKEN MEADOW PARK

OTHER: LARGE PARKING LOT

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft

DEFLECT TO EAST AND PREVENT ENTRY TO INLET

A PRIORITY **SENSITIVE AREA SUMMARY** Date _____

Site No. A18B Map No. LIS 17 Name NORTH PORT BAY/WINKLE POINT 30 of 30
 USGS Quad _____ NOAA Chart 12365 Other _____
 NOAA ESI Atlas _____ ESI Map # _____ Lat. 40 55 58 N Long. 072 23 08 W

Agency/Contact	Expertise	Phone
USFWS/Bill Kolonicki	ASSISTANT REFUGE MANAGER LINWRC	516 286 0485
USFWS/ROBERT PARIS	WILDLIFE BIOLOGIST-LINWRC	516 286 0485
USFWS/JOHN HICKEY	ENVIRONMENTAL CONTAMINANTS SPECIALIST	607 753 9334

SITE DESCRIPTION Area: _____ Tidal Range: 0.78 ft Max Currents: 1-2 kts
GEOGRAPHIC LOCATION:
PHYSICAL DESCRIPTION: INTERTIDAL HABITAT AND SALT MARSH.
SHORELINE TYPES: (ESI Rank)
 1. Exposed Rocky Shores 4. Coarse Sand Beaches 7. Exposed Tidal Flats 10. Marshes
 2. Wave Cut Platforms 5. Sand and Gravel Beaches 8. Sheltered Rocky Shores Man-Made Structures
 3. Fine Sand Beaches 6. Gravel Beaches / Riprap 9. Sheltered Tidal Flats

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: WATERFOWL, SHOREBIRDS, MARINE MAMMALS, SHELLFISH
HABITAT: WINTERING AREA FOR WATERFOWL, MIGRATORY STOP OVER FOR SHOREBIRDS
THREATENED/ ENDANGERED: STATE: COMMON TERN, LEAST TERN
 FEDERAL: HISTORICAL PIPING PLOVER NESTING AREA
OTHER: PUBLIC BATHING AREA

RESPONSE CONSIDERATIONS Ownership: US FISH AND WILDLIFE SERVICE
ACCESS: ACCES VIA BERRY ROAD, REFUGE ROADWAYS
 Vehicle Boat
STAGING AREAS: USCG-EATONS NECK
 TOWN OF HUNTINGTON-HAROKEN BEACH
COLLECTION POINTS:
OTHER: TIDAL GATE-MILL DAM POND- SOUTHERN TERMINUS OF CENTERPORT HARBOR

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 1500 ft
 EXTEND DEFLECTION BOOM FROM WEST BEACH SOUTH TO SEAWALL CLOSING OFF NORTH PORT BAY. MAKE RECOVERY PT ALONG SEAWALL AREA, EASY ACCESS WITH ROAD RUNNING ALONG SEAWALL.

A PRIORITY **SENSITIVE AREA SUMMARY** Date 4SEP95

Site No. A186 Map No. LIS 17,18 Name NISSEQUOGUE RIVER 30 of 30
 USGS Quad ST. JAMES, NY NOAA Chart _____ Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
NSFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 5 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, NORTH SHORE OF LONG ISLAND, WEST OF STONYBROOK HARBOR, TOWN OF SMITHTOWN
PHYSICAL DESCRIPTION: INTERTIDAL RIVER, FRESH WATER HEAD WATERS

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input checked="" type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SMALL GAME ANIMALS, CLAMS, BLUE CLAW CRAB, WATERFFOWL, WADING BIRDS, AND FINFISH-ANADROMOUS.
HABITAT: FORAGE AREA, WINTERING AREA FOR WATERFOWL
THREATENED/ ENDANGERED: OSFREY
OTHER: NY STATE WILD ADN SCENIC RECREATIONAL RIVERS PROGRAM DESIGNATION

RESPONSE CONSIDERATIONS Ownership: MULTIPLE PRIVATE/TOWN OF SMITHTOWN

ACCESS:
 Vehicle
 Boat

STAGING AREAS: TOWN OF SMITHTOWN/KINGS PARK DOCK/KINGS PARK YACHT CLUB

COLLECTION POINTS:
OTHER: NO FUEL IS AVAILABLE IN MARINAS

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft

VERY STRONG TIDAL EFFECT
 PROTECTION IS NEARLY IMPOSSIBLE IF PRODUCT ENTERS RIVER

A PRIORITY		SENSITIVE AREA SUMMARY		Date
Site No. A185	Map No. LIS 17	Name	NISSEQUOGUE INLET BEACHES 30 of 30	
USGS Quad	ST JAMES, NY	NOAA Chart	12363-12364 Other	
NOAA ESI Atlas	LONG ISLAND	ESI Map #	Lat. 40-54.5 N	Long. 073-14.0 W
Agency/Contact	Expertise	Phone		
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312		
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538		
SITE DESCRIPTION				
Area: Tidal Range: 7-8 ft Max Currents: 02 kts				
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, NORTH SHORE OF LONG ISLAND, WEST OF STONYBROOK HARBOR, TOWN OF SMITHTOWN				
PHYSICAL DESCRIPTION: SAND BEACHES PROTECTING INTERTIDAL WETLANDS AND TIDAL FLATS				
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input checked="" type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
	<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	
RESOURCES AT RISK				
WILDLIFE: SHELLFISH, LOBSTER		SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input type="checkbox"/> W <input type="checkbox"/>		
HABITAT: NESTING/BREEDING AREA				
THREATENED/ ENDANGERED: PIPING PLOVER, LEAST TERN				
OTHER:				
RESPONSE CONSIDERATIONS				
ACCESS: RIVER NOT SAFELY NAVIGABLE BY VESSEL		Ownership: NY STATE, TOWN OF SMITHTOWN		
<input checked="" type="checkbox"/> Vehicle				
<input checked="" type="checkbox"/> Boat				
STAGING AREAS:	SUNKEN MEADOW PARK TOWN OF SMITHTOWN-SHORT BEACH FACILITY			
COLLECTION POINTS:				
OTHER:	LARGE PARKING AREA			
PROTECTION STRATEGIES				
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input type="checkbox"/> Protect <input type="checkbox"/> Recover		Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>		
DEFLECT TO EAST OF INLET ON BEACH TO PREVENT ENTRY		Minimum Boom Length: 3000 ft		

A PRIORITY **SENSITIVE AREA SUMMARY** Date 4SEP95

Site No. A188 Map No. LIS 18 Name LONG BEACH 30 of 30
USGS Quad ST. JAMES, NY NOAA Chart 12363.12364 Other _____
NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-55.5 N Long. 73-10.0 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: 2 MILES Tidal Range: 7-8 ft Max Currents: 04 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, NORTH SHORE OF LONG ISLAND, AT MOUTH OF STONYBROOK HARBOR, TOWN OF SMITHTOWN
PHYSICAL DESCRIPTION: SHORELINE SAND AND GRAVEL BEACHES WITH SMALL DUNES

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHORE BIRDS

HABITAT:

THREATENED/ENDANGERED: NONE
OTHER:

RESPONSE CONSIDERATIONS Ownership: TOWN OF SMITHTOWN

ACCESS:
 Vehicle
 Boat

STAGING AREAS: SMITHTOWN BAY YACHT CLUB

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 15000 ft

DEFLECT TO WEST TO PROVENT ENTRY INTO HABOR

A PRIORITY **SENSITIVE AREA SUMMARY** Date 4SEP95

Site No. A187 Map No. LIS 18 Name STONYBROOK HARBOR 30 of 30
 USGS Quad ST. JAMES, NY NOAA Chart 12363-12364-H Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-54.5 N Long. 73-10.1 W

Agency/Contact	Expertise	Phone
NYSDEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 06 kts
 GEOGRAPHIC LOCATION: SUFFOLK COUNTY, NORHT SHORE OF LONG ISLAND, WEST OF PORT JEFFERSON HARBOR, TOWN OF SMITHTOWN
 PHYSICAL DESCRIPTION: SAND BEACHES AND INTERTIDAL WETLANDS

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input checked="" type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
 WILDLIFE: SHELLFISH, STRIPED BASS, FLOUNDER, LOBSTER, WATERFOWL, WADING BIRD
 HABITAT: NESTING ON NORTH SHORE, WINTERING AREA FOR WATERFOWL
 THREATENED/ ENDANGERED: LEAST TERN, COMMON TERN
 OTHER: _____

RESPONSE CONSIDERATIONS Ownership: TOWN OF SMITHTOWN/TOWN OF BROOKHAVEN
 ACCESS:
 Vehicle
 Boat
 STAGING AREAS: SMITHTOWN BAY YACHT CLUB/STONYBROOK YACHT CLUB
 COLLECTION POINTS:
 OTHER: SOUTHERN END IS VERY SHALLOW AT LOW TIDE

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
 BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 12000 ft
 DEFLECT IN MOUTH OF HARBOR TO COLLECT - VERY STRONG CURRENT AT TIDAL CHANGES - PROTECT CENTRAL ISLAND

A PRIORITY **SENSITIVE AREA SUMMARY** Date 28JUL95

Site No. A190 Map No. LIS 18 Name FLAX POND 30 of 30

USGS Quad SAINT JAMES, PORT JEFF NOAA Chart 12363, 12364 Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40 58 N Long. 073 08 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 6-8 ft Max Currents: 5-7 kts
GEOGRAPHIC LOCATION: NORTHERN SHORE LONG ISLAND, WEST OF PORT JEFFERSON HARBOR, SUFFOK COUNTY, TOWN OF BROOKHAVEN
PHYSICAL DESCRIPTION: SAND BEACHES PROTECTING INTERTIDAL WETLANDS AND SUBTIDAL HABITAT

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK **SEASONAL CONSIDERATIONS:** Sp Su F W

WILDLIFE: SHORE BIRDS WADING BIRDS, WATERFOWL, SHELLFISH

HABITAT: WINTERING AREA FOR WATERFOWL

THREATENED/ ENDANGERED: LEAST TERN, PIPING PLOVER

OTHER: _____

RESPONSE CONSIDERATIONS **Ownership:** TOWN OF BROOKHAVEN/STATE OF NEW YORK

ACCESS:

Vehicle
 Boat

STAGING AREAS: PORT JEFFERSON YACHT CLUB
TOWN OF BROOKHAVEN-WEST MEADOW BEACH FACILITY

COLLECTION POINTS: _____

OTHER: VERY STRONG RIP TIDES, INLET 10-20 FT WIDE

PROTECTION STRATEGIES **Degree of Protectability:** High Medium Low

BOOMING METHOD: Deflect Protect Recover **Minimum Boom Length:** 1000 ft

A PRIORITY **SENSITIVE AREA SUMMARY** Date 4SEP95

Site No. A189 Map No. LIS 18 Name WEST MEADOW CREEK 30 of 30
 USGS Quad ST. JAMES, NY NOAA Chart 12363, 12364 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40 56 N Long. 073 08.8 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFEIRI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 01 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, NORTH SHORE OF LONG ISLAND, EAST OF STONY BROOK HARBOR, TOWN OF BROOKHAVEN
PHYSICAL DESCRIPTION: INTERTIDAL ESTUARY WITH COURSE SAND BEACHES AND TIDAL WETLANDS

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHOREBIRDS, WADING BIRDS

HABITAT: NESTING AREA AND FORAGE AREA

THREATENED/ENDANGERED:
OTHER:

RESPONSE CONSIDERATIONS Ownership: TOWN OF SMITHTOWN

ACCESS:
 Vehicle
 Boat

STAGING AREAS: STONYBROOK YACHT CLUB
 TOWN OF BROOKHAVEN-WEST MEADOW BEACH FACILITY

COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 500 ft
 DEFLECT FROM MOUTH - PREVENT ENTRY IF POSSIBLE

A PRIORITY **SENSITIVE AREA SUMMARY** Date 28JUL95

Site No. A192 Map No. LIS 18 Name LITTLE BAY/SETAUKET HARBOR 30 of 30

USGS Quad SAINT JAMES-PORT JEFF NOAA Chart 12362, 12354 Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40 57.1 N Long. 073 06.5 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 6-8 ft Max Currents: 2.5 kts
GEOGRAPHIC LOCATION: NORTHERN SHORE LONG ISLAND, SUFFOLK COUNTY, TOWN OF BROOKHAVEN
PHYSICAL DESCRIPTION: INTERTIDAL WETLANDS, SUBTIDAL HABITAT

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHELLFISH, WATERFOWL, WADING BIRDS

HABITAT: RECREATIONAL AND COMMERCIAL SHELLFISH AND FIN FISHING, WINTERING AREA FOR WATERFOWL.

THREATENED/ ENDANGERED: _____
OTHER: _____

RESPONSE CONSIDERATIONS Ownership: TOWN OF BROOKHAVEN

ACCESS:
 Vehicle
 Boat

STAGING AREAS: SETAUKET MARINA

COLLECTION POINTS: _____

OTHER: VERY SHALLOW OUTSIDE CHANNEL AND AT LOW TIDE

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 1000 ft

A PRIORITY **SENSITIVE AREA SUMMARY** Date 28JUL95

Site No. A191 Map No. LIS 18 Name CONSCIENCE BAY 30 of 30
 USGS Quad SAINT JAMES, PORT JEFF NOAA Chart _____ Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 6-8 ft Max Currents: 1.5 kts
GEOGRAPHIC LOCATION: NORTHERN SHORE LONG ISLAND, SUFFOLK COUNTY, TOWN OF BROOKHAVEN
PHYSICAL DESCRIPTION: INTERTIDAL WETLANDS AND SUBTIDAL HABITAT
SHORELINE TYPES: (ESI Rank)
 1. Exposed Rocky Shores 4. Coarse Sand Beaches 7. Exposed Tidal Flats 10. Marshes
 2. Wave Cut Platforms 5. Sand and Gravel Beaches 8. Sheltered Rocky Shores Man-Made Structures
 3. Fine Sand Beaches 6. Gravel Beaches / Riprap 9. Sheltered Tidal Flats

RESOURCES AT RISK **SEASONAL CONSIDERATIONS:** Sp Su F W
WILDLIFE: WADING BIRDS, WATERFOWL, SHELLFISH
HABITAT: RECREATIONAL AND COMMERCIAL SHELLFISH AND FIN FISHING, WINTERING AREA FOR WATER FOWL
THREATENED/ENDANGERED: NONE
OTHER:

RESPONSE CONSIDERATIONS **Ownership:** TOWN OF BROOKHAVEN
ACCESS:
 Vehicle
 Boat
STAGING AREAS: PORT JEFFERSON MARINA-TOWN OF BROOKHAVEN
COLLECTION POINTS:
OTHER: VERY SHALLOW, LOW TIDE APPROX 2FT DEPTH

PROTECTION STRATEGIES **Degree of Protectability:** High Medium Low
BOOMING METHOD: Deflect Protect Recover **Minimum Boom Length:** 1000 ft
DEFLECT TO PREVENT ENTY.

A PRIORITY **SENSITIVE AREA SUMMARY** Date 28JUL95

Site No. A194 Map No. LIS 18 Name PORT JEFFERSON 30 of 30
USGS Quad PORT JEFFERSON,NY NOAA Chart 12362,12354 Other
NOAA ESI Atlas LONG ISLAND ESI Map # Lat. 40 58.3 N Long. 073 05.5 W

Agency/Contact	Expertise	Phone
NYSDEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1528

SITE DESCRIPTION Area: 2 MILES Tidal Range: 6-8 ft Max Currents: 1 kts

GEOGRAPHIC LOCATION: NORTHERN LONG ISLAND, SUFFOLK COUNTY, TOWN OF BROOKHAVEN

PHYSICAL DESCRIPTION: SHORELINE SAND BEACHES WITH DUNES

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: SHOREBIRDS, WADING BIRDS, SHELL FISH, LOBSTERS

HABITAT: NESTING AREA, RECREATIONAL FINFISH

THREATENED/ ENDANGERED: LEAST TERN, COMMON TERN, PIPING PLOVER

OTHER:

RESPONSE CONSIDERATIONS Ownership: SUFFOLK COUNTY/VILLAGE OF PORT JEFF

ACCESS:

Vehicle
 Boat

STAGING AREAS: PORT JEFFERSON MARINA-TOWN OF BROOKHAVEN, EAST BEACH-VILLAGE OF JEFFERSON

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 15000 ft

DEFLECT TO MINIMIZEE IMPACT

A PRIORITY	SENSITIVE AREA SUMMARY	Date <u>28JUL95</u>												
Site No. <u>A193</u> Map No. <u>LIS 78</u> Name <u>PORT JEFFERSON HARBOR</u> ◀ 30 of 30 ▶														
USGS Quad <u>SAINT JAMES,PORT JEFF</u> NOAA Chart <u>12362,12354</u> Other _____														
NOAA ESI Atlas <u>LONG ISLAND</u> ESI Map # _____ Lat. <u>40 57.5</u> N Long. <u>073 06</u> W														
Agency/Contact	Expertise	Phone												
NYSDEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312												
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538												
SITE DESCRIPTION Area: <u>4 SQ MI</u> Tidal Range: <u>6-8</u> ft Max Currents: <u>3</u> kts GEOGRAPHIC LOCATION: <u>NORTHERN SHORE LONG ISLAND, SUFFOLK COUNTY, TOWN OF BROOKHAVEN</u> PHYSICAL DESCRIPTION: <u>SANDY BEACHES PROTECTING INTERTIDAL WETLANDS</u>														
SHORELINE TYPES: (ESI Rank) <table style="width:100%; border:none;"> <tr> <td><input checked="" type="checkbox"/> 1. Exposed Rocky Shores</td> <td><input checked="" type="checkbox"/> 4. Coarse Sand Beaches</td> <td><input type="checkbox"/> 7. Exposed Tidal Flats</td> <td><input checked="" type="checkbox"/> 10. Marshes</td> </tr> <tr> <td><input type="checkbox"/> 2. Wave Cut Platforms</td> <td><input checked="" type="checkbox"/> 5. Sand and Gravel Beaches</td> <td><input checked="" type="checkbox"/> 8. Sheltered Rocky Shores</td> <td><input checked="" type="checkbox"/> Man-Made Structures</td> </tr> <tr> <td><input type="checkbox"/> 3. Fine Sand Beaches</td> <td><input type="checkbox"/> 6. Gravel Beaches / Riprap</td> <td><input type="checkbox"/> 9. Sheltered Tidal Flats</td> <td></td> </tr> </table>			<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes	<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input checked="" type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	
<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes											
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input checked="" type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures											
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats												
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> WILDLIFE: <u>SHORE BIRDS, WADING BIRDS, SHELLFISH, WINTER FLOUNDER, WATERFOWL</u> HABITAT: <u>RECREATIONAL AND COMMERCIAL SHELLFISH AND FINFISHING.</u> THREATENED/ ENDANGERED: <u>NONE</u> OTHER: _____														
RESPONSE CONSIDERATIONS Ownership: <u>TOWN OF BROOKHAVEN</u> ACCESS: <input checked="" type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Boat STAGING AREAS: <u>PORT JEFFERSON YACHT CLUB/TOWN OF BROOKHAVEN MARINA</u> COLLECTION POINTS: OTHER: _____														
PROTECTION STRATEGIES Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover Minimum Boom Length: <u>10,000</u> ft PREVENT PRODUCT ENTRANCE TO HARBOR														

A PRIORITY **SENSITIVE AREA SUMMARY** Date 13SEP95

Site No. A196 Map No. LIS 20 Name WADING RIVER 30 of 30
 USGS Quad _____ NOAA Chart 12354 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40 57.8 N Long. 072 51.5 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: 200 ACRES Tidal Range: 7-8 ft Max Currents: 2 kts
GEOGRAPHIC LOCATION: NORTHERN SHORE OF LONG ISLAND, APPROX 10 MILES EAST OF PORT JEFFERSON HARBOR
 TOWN OF RIVERHEAD
PHYSICAL DESCRIPTION: GRAVEL BEACH WITH ROCKY OUTCROPPINGS/SALT MARSH

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHOREBIRDS, SHELLFISH, WADING BIRDS

HABITAT: FORAGE AREA FOR TERNS

THREATENED/ OSPREY
 ENDANGERED: PIPING PLOVER
 OTHER:

RESPONSE CONSIDERATIONS Ownership: TOWN OF RIVERHEAD

ACCESS:
 Vehicle
 Boat

STAGING AREAS: WADING RIVER-TOWN OF RIVERHEAD FACILITY-BEACH, LILCO POWERSTATION

COLLECTION POINTS:
 OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
 BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 10,000 ft

ATTEMPT TO DEFLECT TO WEST OF INLET

A PRIORITY		SENSITIVE AREA SUMMARY		Date 28JUL95
Site No. <u>A195</u>		Map No. <u>LIS 19</u>	Name <u>MOUNT SINAI HARBOR</u>	
USGS Quad <u>PORT JEFFERSON, NY</u>		NOAA Chart <u>123</u>	Other _____	
NOAA ESI Atlas <u>LONG ISLAND</u>		ESI Map # _____	Lat. _____ N	Long. _____ W
Agency/Contact	Expertise	Phone		
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0213		
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538		
SITE DESCRIPTION				
Area: <u>52.6 ACRES</u>		Tidal Range: <u>7-8</u> ft		Max Currents: <u>0.5</u> kts
GEOGRAPHIC LOCATION: <u>SUFFOLK COUNTY, NORTHERN LONG ISLAND 02 MILES EAST OF PORT JEFFERSON HARBOR, TOWN OF BROOKHAVEN</u>				
PHYSICAL DESCRIPTION: <u>SAND BEACH WITH DUNE AND ROCK OUTCROPPING PROTECTING INTERTIDAL WETLANDS</u>				
SHORELINE TYPES: (ESI Rank)				
<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes	
<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures	
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats		
RESOURCES AT RISK				
WILDLIFE: <u>OYSTER BEDS, CLAM BEDS, WADING BIRDS, SHOREBIRDS, WATERFOWL</u>		SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>		
HABITAT: <u>BREEDING AREA FOR SHELL FISH, FORAGE AREA FOR FINFISH, WINTERING AREA FOR WATERFOWL, RECREATIONAL FINFISHING</u>				
THREATENED/ NONE				
ENDANGERED:				
OTHER:				
RESPONSE CONSIDERATIONS				
ACCESS:		Ownership: <u>TOWN OF BROOKHAVEN</u>		
<input checked="" type="checkbox"/> Vehicle	<input checked="" type="checkbox"/> Boat			
STAGING AREAS: <u>RALPHS FISHING STATION. TOWN OF BROOKHAVEN MT. SINAI BOAT RAMP</u>				
COLLECTION POINTS: <u>FAR NORTH EAST CORNER OF HARBOR</u>				
OTHER: <u>LARGE PARKING LOT</u>				
PROTECTION STRATEGIES				
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover		Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>		
ATTEMPT TO DEFLECT AWAY FROM INLET, COLLECT ON BEACH		Minimum Boom Length: <u>3000</u> ft		

A PRIORITY **SENSITIVE AREA SUMMARY** Date 13SEP95

Site No. A197 Map No. LIS 21 Name MATTITUCK INLET (NORTH) & CREEK 30 of 30
 USGS Quad MATTITUCK HILLS, NY NOAA Chart 12358, 12354 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 41 00.9 N Long. 072 33.7 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 7-8 ft Max Currents: 2 kts
GEOGRAPHIC LOCATION: NORTHERN SHORE OF LONG ISLAND, NORTH OF GREAT PECONIC BAY, SUFFOLK COUNTY TOWN OF SOUTHOLD
PHYSICAL DESCRIPTION: GRAVEL BEACHES, ROCKY OUTCROPPING AND SEA WALL, TIDAL WETLANDS

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input checked="" type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHOREBIRDS, SHELLFISH, WINTER FLOUNDER, WADING BIRDS, WATERFOWL, LOBSTERS
HABITAT: WINTERING AREA FOR WATERFOWL
THREATENED/ENDANGERED: NONE
OTHER:

RESPONSE CONSIDERATIONS Ownership: TOWN OF SOUTHOLD
ACCESS:
 Vehicle
 Boat
STAGING AREAS: PUBLIC BEACH- WEST SIDE OF INLET
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 3000 ft
 DEFLECT TO EAST AND/ OR WEST OF INLET

<input type="checkbox"/>	PRIORITY	SENSITIVE AREA SUMMARY	Date _____												
Site No. <u>A196A</u> Map No. _____		Name <u>BATHING HALLOW</u> ◀ 30 of 30 ▶													
USGS Quad _____		NOAA Chart _____ Other _____													
NOAA ESI Atlas _____		ESI Map # _____ Lat. _____ N Long. _____ W													
Agency/Contact	Expertise	Phone													
NYSDEC MS ALFIERI	ENDANGERED SPECIES	516-444-0312													
NYSDEC L. CHIARELLA	MANAGER-STATE OWNED TIDAL WETLANDS	516-444-0295													
SITE DESCRIPTION Area: _____ Tidal Range: <u>1</u> ft Max Currents: _____ kts GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, APPROX. 5.5 MILES EAST OF WADING RIVER, TOWN OF RIVERHEAD (SUFFOLK COUNTY) PHYSICAL DESCRIPTION: SAND GRAVEL BEACH SHORELINE TYPES: (ESI Rank) <table style="width:100%; margin-top: 5px;"> <tr> <td><input type="checkbox"/> 1. Exposed Rocky Shores</td> <td><input type="checkbox"/> 4. Coarse Sand Beaches</td> <td><input type="checkbox"/> 7. Exposed Tidal Flats</td> <td><input checked="" type="checkbox"/> 10. Marshes</td> </tr> <tr> <td><input type="checkbox"/> 2. Wave Cut Platforms</td> <td><input checked="" type="checkbox"/> 5. Sand and Gravel Beaches</td> <td><input type="checkbox"/> 8. Sheltered Rocky Shores</td> <td><input type="checkbox"/> Man-Made Structures</td> </tr> <tr> <td><input type="checkbox"/> 3. Fine Sand Beaches</td> <td><input type="checkbox"/> 6. Gravel Beaches / Riprap</td> <td><input type="checkbox"/> 9. Sheltered Tidal Flats</td> <td></td> </tr> </table>				<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes	<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	
<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes												
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures												
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats													
RESOURCES AT RISK		SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>													
WILDLIFE:															
HABITAT: COASTAL WASHOVER POND															
THREATENED/ ENDANGERED: OSPREY PIPING PLOVER															
OTHER:															
RESPONSE CONSIDERATIONS		Ownership: <u>NYS DEC</u>													
ACCESS:															
<input checked="" type="checkbox"/> Vehicle															
<input checked="" type="checkbox"/> Boat															
STAGING AREAS: BOY'S SCOUT CAMP-BAITING HOLLOW															
COLLECTION POINTS:															
OTHER:															
PROTECTION STRATEGIES		Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>													
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover		Minimum Boom Length: _____ ft													



<input type="checkbox"/> PRIORITY	SENSITIVE AREA SUMMARY		Date _____
Site No. <u>A197A</u>	Map No. _____	Name <u>GOLDSMITH INLET</u>	◀ 30 of 30 ▶
USGS Quad _____	NOAA Chart _____	Other _____	
NOAA ESI Atlas _____	ESI Map # _____	Lat. _____ N	Long. _____ W
Agency/Contact	Expertise	Phone	
NYS DEC/MS. ALFIERI	ENDANGERED SPECIES	516-444-0312	
SITE DESCRIPTION			
Area: _____ Tidal Range: _____ ft Max Currents: _____ kts			
GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, APPROX 6 MILES EAST OF MATTITUCK INLET, TOWN OF SOUTHOLD			
PHYSICAL DESCRIPTION:			
SHORELINE TYPES: (ESI Rank)	<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats
	<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores
	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats
			<input checked="" type="checkbox"/> 10. Marshes
			<input checked="" type="checkbox"/> Man-Made Structures
RESOURCES AT RISK			
SEASONAL CONSIDERATIONS: Sp <input type="checkbox"/> Su <input type="checkbox"/> F <input type="checkbox"/> W <input type="checkbox"/>			
WILDLIFE:			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER:			
RESPONSE CONSIDERATIONS			
Ownership: <u>SUFFOLK COUNTY PARKS</u>			
ACCESS:			
<input type="checkbox"/> Vehicle			
<input type="checkbox"/> Boat			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER:			
PROTECTION STRATEGIES			
Degree of Protectability: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>			
BOOMING METHOD: <input type="checkbox"/> Deflect <input type="checkbox"/> Protect <input type="checkbox"/> Recover			
Minimum Boom Length: _____ ft			

A PRIORITY **SENSITIVE AREA SUMMARY** Date 5SEP95

Site No. A222 Map No. LIS23,24 Name LONG BEACH (HALLOCK BAY) 30 of 30

USGS Quad ORIENT NY NOAA Chart 12358,12354 Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 41 08 N Long. 072 16 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516- 581- 1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 6 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, WEST OF ORIENT POINT, TOWN OF SOUTHOLD
PHYSICAL DESCRIPTION: PENINSULA OF SAND BEACH AND DUNES, AND ESTUARIAL INTES TIDAL WETLAND

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: WADING BIRDS, SHOREBIRDS, MIGRATORY WATERFOWL

HABITAT: NESTING AREA, MARITIME FOREST, WINTERING AREA FOR WATERFOWL

THREATENED/ ENDANGERED: PIPING PLOVER, LEAST TERN, OSPREY
OTHER:

RESPONSE CONSIDERATIONS Ownership: PUBLIC/ PRIVATE

ACCESS:
 Vehicle
 Boat

STAGING AREAS: BENS POINT-ORIENT STATE PARK FACILITY

COLLECTION POINTS:

OTHER: VERY SHALLOW- STRONG CURRENT TO SOUTH.

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft

PREVENT ENTRY INTO BEACH IF ABSOLUTELY NECESSARY.

A PRIORITY		SENSITIVE AREA SUMMARY		Date 5SEP95
Site No. <u>A221</u> Map No. <u>LIS 23</u> Name <u>ORIENT HARBOR</u>		◀ 30 of 30 ▶		
USGS Quad <u>ORIENT NY</u> NOAA Chart <u>12358,12359</u> Other _____				
NOAA ESI Atlas <u>LONG ISLAND</u> ESI Map # _____		Lat. <u>41 08 5 N</u> Long. <u>072 18 5 W</u>		
Agency/Contact	Expertise	Phone		
NYDEC/ MS ALIERI	ENDANGERED SPECIES	516-444-0312		
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538		
SITE DESCRIPTION				
Area: _____ Tidal Range: <u>2-3</u> ft Max Currents: <u>04</u> kts				
GEOGRAPHIC LOCATION: <u>SUFFOLK COUNTY, NORTH OF SHELTES ISLAND, WEST OF ORIENT POINT</u>				
PHYSICAL DESCRIPTION: <u>SHORELINE ROCKY WITH SAND, BEACHES WITH DUNES, INTERTIDAL WETLAND</u>				
SHORELINE TYPES: (ESI Rank)				
<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input checked="" type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes	
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures	
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats		
RESOURCES AT RISK				
SEASONAL CONSIDERATIONS: Sp <input type="checkbox"/> Su <input type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>				
WILDLIFE: <u>ANADROMOUS FISH, SHELLFISH, BLUE CLAW CRABS, SCALLOPS, WATERFOWL, WADING BIRDS</u>				
HABITAT: <u>RECREATIONAL/ COMMERICAL SHELLFISH AND FIN FISHING, WINTERING AREA FOR WATERFOWL</u>				
THREATENED/ OSPREY ENDANGERED: OTHER:				
RESPONSE CONSIDERATIONS				
Ownership: <u>PUBLIC/PRIVATE</u>				
ACCESS:				
<input checked="" type="checkbox"/> Vehicle				
<input checked="" type="checkbox"/> Boat				
STAGING AREAS: <u>ORIENT YACHT CLUB</u>				
COLLECTION POINTS:				
OTHER: <u>2 SMALL INLETS</u>				
PROTECTION STRATEGIES				
Degree of Protectability: High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low <input type="checkbox"/>				
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover				
Minimum Boom Length: <u>15000</u> ft				
ATTEMPT TO DEFLECT TO WEST/ SOUTH TO PREVENT ENTRY INTO INLET.				

PRIORITY

SENSITIVE AREA SUMMARY

Date 5SEP95

Site No. B224 Map No. LIS 23,29 Name COECLES HARBOR

USGS Quad GREENPORT NOAA Chart _____ Other _____
NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 6-8 kts

GEOGRAPHIC LOCATION: SUFFOLK COUNTY, EASTERN SHORE OF SHELTER ISLAND, TOWN OF SHELTER ISLAND

PHYSICAL DESCRIPTION: SAND INLET WITH DUNES WITH ESTUARIAL INTERTIDAL WETLANDS

- SHORELINE TYPES: (ESI Rank)**
- | | | | |
|--|--|--|---|
| <input type="checkbox"/> 1. Exposed Rocky Shores | <input checked="" type="checkbox"/> 4. Coarse Sand Beaches | <input type="checkbox"/> 7. Exposed Tidal Flats | <input checked="" type="checkbox"/> 10. Marshes |
| <input type="checkbox"/> 2. Wave Cut Platforms | <input checked="" type="checkbox"/> 5. Sand and Gravel Beaches | <input type="checkbox"/> 8. Sheltered Rocky Shores | <input checked="" type="checkbox"/> Man-Made Structures |
| <input type="checkbox"/> 3. Fine Sand Beaches | <input type="checkbox"/> 6. Gravel Beaches / Riprap | <input checked="" type="checkbox"/> 9. Sheltered Tidal Flats | |

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: SHELLFISH, SHORE AND WADING BIRDS, MIGRATORY WATERFOWL

HABITAT: NESTING AREA ON NORTHSIDE OF INLET

THREATENED/ ENDANGERED: PIPING PLOVER, LEAST TERN
OTHER:

RESPONSE CONSIDERATIONS Ownership: PUBLIC/PRIVATE

ACCESS:

- Vehicle BY FERRY ONLY
 Boat

STAGING AREAS: COECLES HARBOR MARINA

COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft

DEFLECT AWAY FROM INLET

A PRIORITY **SENSITIVE AREA SUMMARY** Date 5SEP95

Site No. A223 Map No. LIS22,24 Name LONG BEACH 30 of 30
USGS Quad ORIENT NY NOAA Chart _____ Other _____
NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYS DEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 02 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, WEST OF ORIENT BEACH TOWN OF SOUTHOLD
PHYSICAL DESCRIPTION: PENINSULA WITH SAND BEACHES AND DUNES, MARITIME FOREST

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE:

HABITAT: BIRD SANCTUARY, COMMERCIAL FINFISH AREA

THREATENED/ ENDANGERED: PIPING, PLOVER, LEAST TERN, OSPREY
OTHER: PUBLIC BATHING BEACH

RESPONSE CONSIDERATIONS Ownership: NY STATE

ACCESS:
 Vehicle
 Boat

STAGING AREAS:
COLLECTION POINTS: NONE
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 25000 ft
DEFLECT TO SOUTH.

A PRIORITY SENSITIVE AREA SUMMARY Date 5SEP95

File No. B226 Map No. LIS 24 Name PLUM ISLAND 30 of 30

USGS Quad ORIENT NOAA Chart Other

NOAA ESI Atlas LONG ISLAND ESI Map # Lat. N Long. W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: Tidal Range: 3-4 ft Max Currents: 8-12 kts

GEOGRAPHIC LOCATION: SUFFOLK COUNTY, EAST OF ORIENT POINT, TOWN OF SOUTHOLD

PHYSICAL DESCRIPTION: ROCKY ISLAND WITH SEAWALLS AND SMALL SAND/GRAVEL BEACH

- SHORELINE TYPES: (ESI Rank)
- 1. Exposed Rocky Shores
 - 2. Wave Cut Platforms
 - 3. Fine Sand Beaches
 - 4. Coarse Sand Beaches
 - 5. Sand and Gravel Beaches
 - 6. Gravel Beaches / Riprap
 - 7. Exposed Tidal Flats
 - 8. Sheltered Rocky Shores
 - 9. Sheltered Tidal Flats
 - 10. Marshes
 - Man-Made Structures

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: SHOREBIRDS AND SEALS

HABITAT:

THREATENED/ ENDANGERED: OSPREY

OTHER: MARICULTURE FACILITY LOCATED OFFSHORE-SOUTHSIDE

RESPONSE CONSIDERATIONS Ownership: FEDERAL GOVERNMENT

ACCESS:

- Vehicle
- Boat

STAGING AREAS: BOAT BASIN-PLUM ISLAND

COLLECTION POINTS:

OTHER: RESTRICTED ACCESS, FEDERAL ANIMAL TESTING AREA

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 3000 ft

DEFLECT AROUND ISLAND

A PRIORITY	SENSITIVE AREA SUMMARY	Date 5SEP95												
Site No. <u>A225</u> Map No. <u>LIS 24</u> Name <u>PLUM GUT</u>		◀ 30 of 30 ▶												
USGS Quad <u>ORIENT NY</u> NOAA Chart <u>12358-12354</u> Other _____														
NOAA ESI Atlas <u>LONG ISLAND</u> ESI Map # _____ Lat. _____ N Long. _____ W														
Agency/Contact	Expertise	Phone												
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312												
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538												
SITE DESCRIPTION Area: _____ Tidal Range: <u>3-4</u> ft Max Currents: <u>12+</u> kts GEOGRAPHIC LOCATION: <u>SUFFOLK COUNTY, NORTHEASTERN SHORE LONG ISLAND, TOWN OF SOUTHOLD</u> PHYSICAL DESCRIPTION: <u>CHANNEL BETWEEN PENNSULA AND ISLAND</u>														
SHORELINE TYPES: (ESI Rank) <table style="width:100%; border:none;"> <tr> <td><input checked="" type="checkbox"/> 1. Exposed Rocky Shores</td> <td><input type="checkbox"/> 4. Coarse Sand Beaches</td> <td><input type="checkbox"/> 7. Exposed Tidal Flats</td> <td><input type="checkbox"/> 10. Marshes</td> </tr> <tr> <td><input type="checkbox"/> 2. Wave Cut Platforms</td> <td><input checked="" type="checkbox"/> 5. Sand and Gravel Beaches</td> <td><input type="checkbox"/> 8. Sheltered Rocky Shores</td> <td><input checked="" type="checkbox"/> Man-Made Structures</td> </tr> <tr> <td><input type="checkbox"/> 3. Fine Sand Beaches</td> <td><input type="checkbox"/> 6. Gravel Beaches / Riprap</td> <td><input type="checkbox"/> 9. Sheltered Tidal Flats</td> <td></td> </tr> </table>			<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes	<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	
<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes											
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures											
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats												
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input type="checkbox"/> Su <input type="checkbox"/> F <input type="checkbox"/> W <input type="checkbox"/> WILDLIFE: <u>SHOREBIRDS, SEALS, WATERFOWL</u> HABITAT: THREATENED/ ENDANGERED: <u>OSPREY, TERNS</u> OTHER:														
RESPONSE CONSIDERATIONS Ownership: <u>TOWN OF SOUTHOLD</u> ACCESS: <input checked="" type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Boat STAGING AREAS: <u>ORIENT POINT MARINA, PLUM ISLAND BOAT BASIN</u> COLLECTION POINTS: OTHER:														
PROTECTION STRATEGIES Degree of Protectability: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input checked="" type="checkbox"/> BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input type="checkbox"/> Protect <input type="checkbox"/> Recover Minimum Boom Length: <u>3000</u> ft CURRENT TOO STRONG TO TRY TO PROTECT - DEFLECT ONTO PLUM ISLAND														

A PRIORITY **SENSITIVE AREA SUMMARY** Date 5SEP95

Site No. B228 Map No. LIS 24 Name LITTLE GULL ISLAND

USGS Quad ORIENT NY NOAA Chart 12358-12354 Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-6 ft Max Currents: 5-6 kts

GEOGRAPHIC LOCATION: SUFFOLK COUNTY, EAST OF ORIENT POINT, TOWN OF SOUTHOLD

PHYSICAL DESCRIPTION: ROCKY ISLAND WITH SMALL SAND/GRAVEL BEACHES

- SHORELINE TYPES: (ESI Rank)**
- | | | | |
|---|--|--|--|
| <input checked="" type="checkbox"/> 1. Exposed Rocky Shores | <input checked="" type="checkbox"/> 4. Coarse Sand Beaches | <input type="checkbox"/> 7. Exposed Tidal Flats | <input type="checkbox"/> 10. Marshes |
| <input type="checkbox"/> 2. Wave Cut Platforms | <input checked="" type="checkbox"/> 5. Sand and Gravel Beaches | <input type="checkbox"/> 8. Sheltered Rocky Shores | <input type="checkbox"/> Man-Made Structures |
| <input type="checkbox"/> 3. Fine Sand Beaches | <input type="checkbox"/> 6. Gravel Beaches / Riprap | <input type="checkbox"/> 9. Sheltered Tidal Flats | |

RESOURCES AT RISK **SEASONAL CONSIDERATIONS:** Sp Al Su F W

WILDLIFE: GULLS

HABITAT: NESTING AREA

THREATENED/ ENDANGERED:
OTHER:

RESPONSE CONSIDERATIONS **Ownership:** _____

ACCESS:
 Vehicle
 Boat

STAGING AREAS: ORIENT POINT MARINE

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES **Degree of Protectability:** High Medium Low

BOOMING METHOD: Deflect Protect Recover **Minimum Boom Length:** 1000 ft

DEFLECT AROUND WAND ISLAND

A PRIORITY **SENSITIVE AREA SUMMARY** Date 5SEP95

Site No. A227 Map No. LIS 24 Name GREAT GULL ISLAND
 USGS Quad ORIENT NOAA Chart _____ Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 2-3 ft Max Currents: 5-6 kts
GEOGRAPHIC LOCATION: SUFFOLK COUNTY, EAST OF ORIENT PT, TOWN OF SOUTHOLD
PHYSICAL DESCRIPTION: ROCKY ISLAND WITH SMALL SAND/GRAVEL BEACHES

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK WILDLIFE: GULLS **SEASONAL CONSIDERATIONS:** Sp Su F W
HABITAT: NESTING AREA
THREATENED/ENDANGERED:
OTHER:

RESPONSE CONSIDERATIONS Ownership: _____
ACCESS:
 Vehicle
 Boat
STAGING AREAS: ORIENT POINT MARINA
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 3000 ft
 DEFLECT AROUND ISLAND

A PRIORITY SENSITIVE AREA SUMMARY Date 13SEP95

File No. A230 Map No. LIS 26 Name GARDINER ISLAND 30 of 30

USGS Quad GARDINERS IS, NY NOAA Chart 13209,12354 Other

NOAA ESI Atlas LONG ISLAND ESI Map # Lat. 41.06 N Long. 072.06 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIER	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: Tidal Range: 2-3 ft Max Currents: 1 kts

GEOGRAPHIC LOCATION: EASTERN LONG ISLAND, SUFFOLK COUNTY, TOWN OF EAST HAMPTON

PHYSICAL DESCRIPTION: ISLAND WITH SAND/GRAVEL BEACHES

SHORELINE TYPES: (ESI Rank)

<input checked="" type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: SHOREBIRDS

HABITAT:

THREATENED/ ENDANGERED: OSPREY

OTHER:

RESPONSE CONSIDERATIONS Ownership: PRIVATE

ACCESS:

Vehicle
 Boat

STAGING AREAS: USCG STA MONTAUK/PORT OF EGYPT MARINA SOUTHOLD, THREE MILE HARBOR TOWN DOCK

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 10,000 ft

B PRIORITY **SENSITIVE AREA SUMMARY** Date 13SEP95

Site No. B229 Map No. LIS 24 Name GARDINERS POINT 30 of 30
 USGS Quad ORIENT, NY NOAA Chart 12358,12354 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 41-08.1 N Long. 072-08.6 W

Agency/Contact	Expertise	Phone
NYSDEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 02 kts
GEOGRAPHIC LOCATION: EASTER LONG ISLAND, NORTH OF GARDINERS ISLAND, TOWN OF EASTHAMPTON, SUFFOLK COUNTY
PHYSICAL DESCRIPTION: PENINSULA OF SAND BEACH WITH TIDAL FLATS
SHORELINE TYPES: (ESI Rank)
 1. Exposed Rocky Shores 4. Coarse Sand Beaches 7. Exposed Tidal Flats 10. Marshes
 2. Wave Cut Platforms 5. Sand and Gravel Beaches 8. Sheltered Rocky Shores Man-Made Structures
 3. Fine Sand Beaches 6. Gravel Beaches / Riprap 9. Sheltered Tidal Flats

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SHELLFISH, SHORE BIRDS, GULLS
HABITAT:
THREATENED/ ENDANGERED: NONE
OTHER:

RESPONSE CONSIDERATIONS Ownership: PRIVATE
ACCESS: NO VEHICLE ACCESS
 Vehicle
 Boat
STAGING AREAS: ORIENT POINT MARINA
COLLECTION POINTS: NONE
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft

A PRIORITY **SENSITIVE AREA SUMMARY** Date 13SEP95

Site No. A238 Map No. LIS 26,28 Name LION HEAD BEACH/HOG CREEK 30 of 30
USGS Quad GARDINERS ISLAND WEST NOAA Chart 13209,12354 Other _____
NOAA ESI Atlas LONG ISLAND ESI Map # 25 Lat. 41-03.0 N Long. 72-10.0 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 2-3 ft Max Currents: 0-1 kts

GEOGRAPHIC LOCATION: SOUTH SHORE OF GARDINERS BAY NEAR HOG CREEK POINT, SUFFOLK COUNTY, TOWN OF EAST HAMPTON

PHYSICAL DESCRIPTION: SHORELINE WITH SANDY BEACH AND DUNES, AND CREEK WITH INTERTIDAL WETLANDS

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE:

HABITAT: NESTING AREA

THREATENED/ ENDANGERED: PIPING PLOVER

OTHER:

RESPONSE CONSIDERATIONS Ownership: EAST HAMPTON

ACCESS:

Vehicle
 Boat

STAGING AREAS: PARK BEACH
MAIDSTONE

COLLECTION POINTS:

OTHER: VERY SHALLOW

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 2000 ft

A PRIORITY SENSITIVE AREA SUMMARY Date 13SEP95

Site No. A237 Map No. LIS 26,28 Name ACABONAC HARBOR 30 of 30
USGS Quad GARDINERS ISLAND WEST NOAA Chart 13209-12354 Other
NOAA ESI Atlas LONG ISLAND ESI Map # 25 Lat. 41-01.3 N Long. 72-08.2 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: Tidal Range: 2-3 ft Max Currents: 2-3 kts

GEOGRAPHIC LOCATION: LONG ISLAND SOUND/GARDINERS BAY, SUFFOLK COUNTY, TOWN OF EAST HAMPTON

PHYSICAL DESCRIPTION: PENINSULA/DREDGE SPOIL DEPOSIT SITE, SAND GRAVEL BEACHES AND INTERTIDAL WETLANDS

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input checked="" type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: MIGRATORY WATERFOWL, SHELLFISH

HABITAT: NESTING AREA

THREATENED/ ENDANGERED: PIPING PLOVERS/OSPREY

OTHER:

RESPONSE CONSIDERATIONS Ownership: TOWN OF EAST HAMPTON

ACCESS:

Vehicle
 Boat

STAGING AREAS: LOUSE POINT BOAT RAMP

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 500 ft

ATTEMPT TO DEFLECT TO SOUTH OF CARTWRIGHT ISLAND

PRIORITY

SENSITIVE AREA SUMMARY

Date 25SEP95

Site No. A290 Map No. LIS 36 Name FIRE ISLAND NATIONAL SEASHORE
 USGS Quad BAYSHORE EAST, NY NOAA Chart 12352-12353 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # 10 Lat. 40-39.5 N Long. 073-04.0 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538
EINS/JIM EBERT	ECOLOGICAL SERVICES/AREA INFO	516-288-0485

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 1-2 kts

GEOGRAPHIC LOCATION:
PHYSICAL DESCRIPTION:

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input checked="" type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK WILDLIFE:
HABITAT:
THREATENED/ENDANGERED: NONE
OTHER:

SEASONAL CONSIDERATIONS: Sp Su F W

RESPONSE CONSIDERATIONS Ownership: FIRE ISLAND NATIONAL SEASHORE

ACCESS:
 Vehicle
 Boat

STAGING AREAS: FIRE ISLAND NATIONAL SEASHORE

COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 10,000 ft

LIMIT EFFECT ON SOUTHERN BEACHES.

A PRIORITY **SENSITIVE AREA SUMMARY** Date 25SEP95

Site No. A289 Map No. LIS 36 Name CARMANS RIVER/WERTHEIM NWR 30 of 30
 USGS Quad BELLPORT, NY NOAA Chart 12352, 12353 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # 11 Lat. 40-45.4 N Long. 72-53.3 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: 1.5 MILES Tidal Range: 01 ft Max Currents: 01 kts
GEOGRAPHIC LOCATION: LONG ISLAND SOUTH SHORE, GREAT SOUTH BAY/BELLPORT BAY, TOWN OF BROOKHAVEN, SUFFOLK COUNTY.
PHYSICAL DESCRIPTION: SHALLOW RIVER WITH SANDBEACH (WESTERN SIDE) AND SALT MARSH (EASTERN SIDE) AT THE MOUTH, UPSTREAM BRACKISH MARSH, ALSO CONTAINS FRESHWATER PONDS.
SHORELINE TYPES: (ESI Rank)
 1. Exposed Rocky Shores 2. Wave Cut Platforms 3. Fine Sand Beaches
 4. Coarse Sand Beaches 5. Sand and Gravel Beaches 6. Gravel Beaches / Riprap
 7. Exposed Tidal Flats 8. Sheltered Rocky Shores 9. Sheltered Tidal Flats
 10. Marshes Man-Made Structures

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: WATERFOWL, BROOK TROUT

HABITAT: WINTERING AREA FOR WATERFOWL

THREATENED/ ENDANGERED: OSPREY, PEREGRINE FALCON, BALD EAGLE, LOGGERHEAD SEA TURTLES
OTHER: NYS WILD AND SCENIC RECREATIONAL RIVERS PROGRAM DESIGNATION, NYS SIGNIFICANT COASTAL FISH AND WILDLIFE HABITAT.

RESPONSE CONSIDERATIONS Ownership: US FISH AND WILDLIFE SERVICES
ACCESS: VIA MOTT LANE AND REFUGE FIRE ROADS
 Vehicle Boat
STAGING AREAS: USCG GRU MORICHES
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 4000 ft

A PRIORITY **SENSITIVE AREA SUMMARY** Date 26SEP95

Site No. A313 Map No. LIS 41,42 Name WEST HEMPSTEAD BAY 30 of 30
 USGS Quad LAWRENCE, NY NOAA Chart 12352 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-37.0 N Long. 073-41.0 W

Agency/Contact	Expertise	Phone
NYSDEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1038

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 02 kts
 GEOGRAPHIC LOCATION: SOUTH SHORE OF LONG ISLAND APPROXIMATELY 04 MILES EAST OF EAST ROCKAWAY INLET.
 PHYSICAL DESCRIPTION: EXTENSIVE TIDAL FLATS, SALT MARSHES
 SHORELINE TYPES: (ESI Rank) 1. Exposed Rocky Shores 4. Coarse Sand Beaches 7. Exposed Tidal Flats 10. Marshes
 2. Wave Cut Platforms 5. Sand and Gravel Beaches 8. Sheltered Rocky Shores Man-Made Structures
 3. Fine Sand Beaches 6. Gravel Beaches / Riprap 9. Sheltered Tidal Flats

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
 WILDLIFE: WADING BIRDS, WATERFOWL
 HABITAT: NESTING AREA, WINTERING AREA FOR WATERFOWL, RECREATIONAL FINFISHING
 THREATENED/ ENDANGERED: COMMON TERN, OSPREY
 OTHER: _____

RESPONSE CONSIDERATIONS Ownership: TOWN OF HEMPSTEAD
 ACCESS: Vehicle Boat
 STAGING AREAS: CITY OF LONG BEACH MAGNOLIA PIER
 COLLECTION POINTS: _____
 OTHER: CURRENT STRONG IN CHANNEL - NEARLY NO FLOW OUTSIDE OF CHANNEL

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
 BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 5000 ft
DEFLECT PRODUCT TO SOUTH ALONG NORTH SHROE OF LONG BEACH, SEA WALL ALONG TOTAL LEGTH.

A PRIORITY **SENSITIVE AREA SUMMARY** Date 26SEP95

Site No. A312 Map No. LIS 41 Name MIDDLE HEMPSTEAD BAY 30 of 30
 USGS Quad LAWRENCE NOAA Chart 12352 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-37.0 N Long. 073-36.5 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 01 kts
GEOGRAPHIC LOCATION: SOUTH SHORE OF LONG ISLAND, APPROXIMATELY 04 MILES WEST OF JONES INLET.
PHYSICAL DESCRIPTION: EXTENSIVE TIDAL FLATS AND SALT MARSHES TO SOUTH EAST.
SHORELINE TYPES: (ESI Rank)
 1. Exposed Rocky Shores 4. Coarse Sand Beaches 7. Exposed Tidal Flats 10. Marshes
 2. Wave Cut Platforms 5. Sand and Gravel Beaches 8. Sheltered Rocky Shores Man-Made Structures
 3. Fine Sand Beaches 6. Gravel Beaches / Riprap 9. Sheltered Tidal Flats

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: WADING BIRDS, WATERFOWL
HABITAT: NESTING AREA, RECREATIONAL FINFISHING, WINTERING AREA FOR WATERFOWL
THREATENED/ ENDANGERED: OSPREY, COMMON TERN
OTHER:

RESPONSE CONSIDERATIONS Ownership: TOWN OF HEMPSTEAD
ACCESS:
 Vehicle
 Boat
STAGING AREAS: GUY LOMBARDO MARINA
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: 5000 ft
 COLLECT AS SOON AS POSSIBLE

A PRIORITY

SENSITIVE AREA SUMMARY

Date 04SEP95

Site No. WA11 Map No. LIS 17 Name LILCO NORTHPORT POWER STA

USGS Quad NORTHPORT, NY NOAA Chart 12364-G Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-55.4 N Long. 073-20.3 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538
LILCO/OPS ENGINEER	POWER PLANT OPERATIONS	516-262-2200

SITE DESCRIPTION Area: _____ Tidal Range: 6-8 ft Max Currents: 02 kts

GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, EAST OF EATONS NECK, TOWN OF HUNTINGTON, SUFFOLK COUNTY

PHYSICAL DESCRIPTION: CONCRETE WATER INTAKE 17 FEET BELOW MEAN LOW WATER, WITH CONCRETE TUNNELS INTO POWER PLANT

- SHORELINE TYPES: (ESI Rank)**
- | | | | |
|--|---|--|---|
| <input type="checkbox"/> 1. Exposed Rocky Shores | <input type="checkbox"/> 4. Coarse Sand Beaches | <input type="checkbox"/> 7. Exposed Tidal Flats | <input type="checkbox"/> 10. Marshes |
| <input type="checkbox"/> 2. Wave Cut Platforms | <input type="checkbox"/> 5. Sand and Gravel Beaches | <input type="checkbox"/> 8. Sheltered Rocky Shores | <input checked="" type="checkbox"/> Man-Made Structures |
| <input type="checkbox"/> 3. Fine Sand Beaches | <input type="checkbox"/> 6. Gravel Beaches / Riprap | <input type="checkbox"/> 9. Sheltered Tidal Flats | |

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED: NONE

OTHER:

RESPONSE CONSIDERATIONS

Ownership: LONG ISLAND LIGHTING COMPANY

ACCESS:

- Vehicle
 Boat

STAGING AREAS: LILCO NORTHPORT POWER STATION

COLLECTION POINTS:

OTHER: FLOW RATE IS 120,000 GPM. IF PRODUCT ENTERS INTAKE, PLANT SHUTDOWN IS MANDATORY

PROTECTION STRATEGIES

Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover

Minimum Boom Length: 1000 ft

DEFLECT PRODUCT AROUND INTAKE.

A PRIORITY **SENSITIVE AREA SUMMARY** Date 26SEP95

Site No. A314 Map No. LIS 42 Name EAST ROCKAWAY INLET/SLVR PT BCH 30 of 30
 USGS Quad LAWRENCE NOAA Chart 12352 Other _____
 NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/MSALFIER	ENDANGERED SPECIES	(516)444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	(516)581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 03 kts
GEOGRAPHIC LOCATION: SOUTH SHORE OF LONG ISLAND, SOUTH AND EAST OF JAMICA BAY
 NASSAU-COUNT, VILLAGE OF ATLANTIC BEACH
PHYSICAL DESCRIPTION: SAND BEACH WITH ROCK JETTY'S TO WEST SOUTH SHORE HAS SEA WALL
SHORELINE TYPES: (ESI Rank)
 1. Exposed Rocky Shores 4. Coarse Sand Beaches 7. Exposed Tidal Flats 10. Marshes
 2. Wave Cut Platforms 5. Sand and Gravel Beaches 8. Sheltered Rocky Shores Man-Made Structures
 3. Fine Sand Beaches 6. Gravel Beaches / Riprap 9. Sheltered Tidal Flats

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: SEALS
HABITAT: NESTING AREA, RECREATIONAL SCUBA AND FINFISHING AREA
THREATENED/ ENDANGERED: COMMEN TERN, LEAST TERN, OSPREY, PIPING PLOVER
OTHER:

RESPONSE CONSIDERATIONS Ownership: NASSAU COUNTY
ACCESS:
 Vehicle
 Boat
STAGING AREAS: SILVER POINT
COLLECTION POINTS:
OTHER: STRONG CURRENT IN INLET DURING TIDAL SHIFTS, HEAVY SHOALING

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: _____ ft
 DEFLECT TO WEST OF INLET FOR RECOVERY.

A PRIORITY

SENSITIVE AREA SUMMARY

Date 26SEP95

Site No. WA13 Map No. LIS 41 Name LILCO E.F. BARRET STATION

USGS Quad LAWRENCE, NY NOAA Chart 12352 Other _____

NOAA ESI Atlas LONG ISLAND ESI Map # _____ Lat. 40-37.3 N Long. 073-39.4 W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538
LILCO/OPS ENGINEER	POWER PLANT OPERATIONS	516-897-1700

SITE DESCRIPTION Area: _____ Tidal Range: 3-4 ft Max Currents: 01 kts

GEOGRAPHIC LOCATION: SOUTH SHORE OF LONG ISLAND, APPROXIMATELY 04 MILES EAST OF EAST ROCKAWAY INLET, TOWN OF HEMPSTEAD, NASSAU COUNTY

PHYSICAL DESCRIPTION: CONCRETE WATER INTAKE IS 14 FEET BELOW MEAN LOW WATER, LEADING TO CONCRETE TUNNELS INTO POWER PLANT

- SHORELINE TYPES: (ESI Rank)**
- | | | | |
|--|---|--|---|
| <input type="checkbox"/> 1. Exposed Rocky Shores | <input type="checkbox"/> 4. Coarse Sand Beaches | <input type="checkbox"/> 7. Exposed Tidal Flats | <input type="checkbox"/> 10. Marshes |
| <input type="checkbox"/> 2. Wave Cut Platforms | <input type="checkbox"/> 5. Sand and Gravel Beaches | <input type="checkbox"/> 8. Sheltered Rocky Shores | <input checked="" type="checkbox"/> Man-Made Structures |
| <input type="checkbox"/> 3. Fine Sand Beaches | <input type="checkbox"/> 6. Gravel Beaches / Riprap | <input type="checkbox"/> 9. Sheltered Tidal Flats | |

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED: NONE

OTHER:

RESPONSE CONSIDERATIONS

Ownership: LONG ISLAND LIGHTING COMPANY

ACCESS:

- Vehicle
 Boat

STAGING AREAS: LILCO E.F. BARRET POWER STATION

COLLECTION POINTS:

OTHER: FLOW RATE IS 100,000 GPM. IF PRODUCT ENTERS INTAKE, PLANT SHUTDOWN IS MANDATORY

PROTECTION STRATEGIES

Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover

Minimum Boom Length: 1000 ft

DEFLECT PRODUCT AROUND INTAKE.

A PRIORITY		SENSITIVE AREA SUMMARY		Date
Site No.	WA12	Map No.	LIS 18	Name LILCO PORT JEFFERSON STA
USGS Quad	PORT JEFFERSON, NY	NOAA Chart	12362	Other
NOAA ESI Atlas	LONG ISLAND	ESI Map #		Lat. 40-57.1 N Long. 073-04.5 W
Agency/Contact	Expertise	Phone		
NYSDEC/MS ALFIERI	ENDANGERED SPECIES	516-444-0312		
USFWS/LONG IS OFFICE	ECOLOGICAL SERVICES	516-581-1538		
LILCO/OPS ENGINEER	POWER PLANT OPERATIONS	516-476-2200		
SITE DESCRIPTION Area: Tidal Range: ft Max Currents: kts				
GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, PORT JEFFERSON HARBOR, TOWN OF BROOKHAVEN, SUFFOLK COUNTY				
PHYSICAL DESCRIPTION: CONCRETE WATER INTAKE 15 FEET BELOW MEAN LOW WATER, LEADING TO CONCRETE TUNNELS INTO POWER PLANT				
SHORELINE TYPES: (ESI Rank)				
<input type="checkbox"/> 1. Exposed Rocky Shores <input checked="" type="checkbox"/> 4. Coarse Sand Beaches <input type="checkbox"/> 7. Exposed Tidal Flats <input type="checkbox"/> 10. Marshes <input type="checkbox"/> 2. Wave Cut Platforms <input type="checkbox"/> 5. Sand and Gravel Beaches <input type="checkbox"/> 8. Sheltered Rocky Shores <input checked="" type="checkbox"/> Man-Made Structures <input type="checkbox"/> 3. Fine Sand Beaches <input type="checkbox"/> 6. Gravel Beaches / Riprap <input type="checkbox"/> 9. Sheltered Tidal Flats				
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>				
WILDLIFE: SHELLFISH, WADING BIRDS, SHORE BIRDS, WATERFOWL				
HABITAT: WINTERING AREA FOR WATER FOWL, COMMERCIAL AND RECREATIONAL SHELLFISH AREA				
THREATENED/ NONE ENDANGERED: OTHER:				
RESPONSE CONSIDERATIONS Ownership: LONG ISLAND LIGHTING COMPANY				
ACCESS: <input checked="" type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Boat				
STAGING AREAS: PORT JEFFERSON YACHT CLUB, LILCO PORT JEFFERSON POWER STATION				
COLLECTION POINTS:				
OTHER: IF PRODUCT ENTERS, PLANT SHUTDOWN IS MANDATORY, WATER FLOW IS 100,000 GPM				
PROTECTION STRATEGIES Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>				
BOOMING METHOD: <input checked="" type="checkbox"/> Deflect <input type="checkbox"/> Protect <input type="checkbox"/> Recover Minimum Boom Length: 1000 ft				
DEFLECT PRODUCT AROUND INTAKE.				

PRIORITY **SENSITIVE AREA SUMMARY** Date _____

Site No. WA 15 Map No. _____ Name HEMPSTEAD BAY/HARBOR ◀ 30 of 30 ▶

USGS Quad _____ NOAA Chart _____ Other _____
NOAA ESI Atlas _____ ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYSDEC/MS ALIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LIS OFFICE	ENDANGERED SPECIES	516-581-1538
LILCO/PSM/MI/ENG	POWER PLANT OPERATIONS	516-262-2200

SITE DESCRIPTION Area: _____ Tidal Range: 9 ft Max Currents: 1 kts

GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, TOWN OF NORTH HEMPSTEAD & CITY OF GLEN COVE
NASSAU COUNTY

PHYSICAL DESCRIPTION: SAND BEACHES, SALT MARSH, WITH ROCKY SHORES

SHORELINE TYPES: (ESI Rank)

<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes
<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W

WILDLIFE: WATERFOWL, WADING BIRDS

HABITAT: WINTER AREA FOR WATER FOWL

THREATENED/ENDANGERED:

OTHER: GLEN NOOD LANDING POWER STATION-LILCO-PUBLIC BATHING

RESPONSE CONSIDERATIONS Ownership: _____

ACCESS:

Vehicle
 Boat

STAGING AREAS: LILCO POWER STATION, HEMPSTEAD HARBOR PARK-DAM BEACH

COLLECTION POINTS:

OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low

BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: _____ ft

PRIORITY **SENSITIVE AREA SUMMARY** Date _____

Site No. WA14 Map No. _____ Name HEAD OF BAY ◀ 30 of 30 ▶
 USGS Quad _____ NOAA Chart _____ Other _____
 NOAA ESI Atlas LIS ESI Map # _____ Lat. _____ N Long. _____ W

Agency/Contact	Expertise	Phone
NYS DEC/ MS ALIERI	ENDANGERED SPECIES	516-444-0312
USFWS/LIS OFFICE	ENDANGERED SERVICES	516-581-1538

SITE DESCRIPTION Area: _____ Tidal Range: 4 ft Max Currents: _____ kts
GEOGRAPHIC LOCATION: SOUTH SHORE OF LONG ISLAND SOUND, EAST SIDE OF JAMAICA BAY, NASSAU COUNTY, TOWN OF HEMPSTEAD.
PHYSICAL DESCRIPTION:
 SHORELINE TYPES: (ESI Rank) 1. Exposed Rocky Shores 2. Wave Cut Platforms 3. Fine Sand Beaches 4. Coarse Sand Beaches 5. Sand and Gravel Beaches 6. Gravel Beaches / Riprap 7. Exposed Tidal Flats 8. Sheltered Rocky Shores 9. Sheltered Tidal Flats 10. Marshes Man-Made Structures

RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp Su F W
WILDLIFE: WATERFOWL, SHORE BIRDS, WADING BIRDS

HABITAT: WINTERING AREA FOR WATERFOWL, NESTING

THREATENED/ ENDANGERED: COMMON TERN, OSPREY
OTHER: NATIONAL WILDLIFE REFUGE

RESPONSE CONSIDERATIONS Ownership: _____
ACCESS:
 Vehicle
 Boat
STAGING AREAS: INWOOD MARINA PARK-TOWN OF HEMPSTEAD
COLLECTION POINTS:
OTHER:

PROTECTION STRATEGIES Degree of Protectability: High Medium Low
BOOMING METHOD: Deflect Protect Recover Minimum Boom Length: _____ ft

PRIORITY		SENSITIVE AREA SUMMARY		Date												
Site No. <u>WA17</u>		Map No. _____	Name <u>MANHASSET BAY</u>													
USGS Quad _____		NOAA Chart _____	Other _____													
NOAA ESI Atlas _____		ESI Map # _____	Lat. _____ N	Long. _____ W												
Agency/Contact	Expertise	Phone														
NYS DEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312														
USPWS/LIS OFFICE	ECOLOGICAL SERVICES	516-581-1538														
SITE DESCRIPTION Area: _____ Tidal Range: <u>7</u> ft Max Currents: <u>5</u> kts																
GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, TOWN OF HEMPSTEAD, AND TOWN OF OYSTER BAY, NASSAU COUNTY																
PHYSICAL DESCRIPTION: SAND BEACH AND SALT MARSH																
SHORELINE TYPES: (ESI Rank) <table style="width:100%; border:none;"> <tr> <td><input type="checkbox"/> 1. Exposed Rocky Shores</td> <td><input checked="" type="checkbox"/> 4. Coarse Sand Beaches</td> <td><input type="checkbox"/> 7. Exposed Tidal Flats</td> <td><input checked="" type="checkbox"/> 10. Marshes</td> </tr> <tr> <td><input type="checkbox"/> 2. Wave Cut Platforms</td> <td><input type="checkbox"/> 5. Sand and Gravel Beaches</td> <td><input type="checkbox"/> 8. Sheltered Rocky Shores</td> <td><input checked="" type="checkbox"/> Man-Made Structures</td> </tr> <tr> <td><input type="checkbox"/> 3. Fine Sand Beaches</td> <td><input type="checkbox"/> 6. Gravel Beaches / Riprap</td> <td><input checked="" type="checkbox"/> 9. Sheltered Tidal Flats</td> <td></td> </tr> </table>					<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes	<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures	<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats	
<input type="checkbox"/> 1. Exposed Rocky Shores	<input checked="" type="checkbox"/> 4. Coarse Sand Beaches	<input type="checkbox"/> 7. Exposed Tidal Flats	<input checked="" type="checkbox"/> 10. Marshes													
<input type="checkbox"/> 2. Wave Cut Platforms	<input type="checkbox"/> 5. Sand and Gravel Beaches	<input type="checkbox"/> 8. Sheltered Rocky Shores	<input checked="" type="checkbox"/> Man-Made Structures													
<input type="checkbox"/> 3. Fine Sand Beaches	<input type="checkbox"/> 6. Gravel Beaches / Riprap	<input checked="" type="checkbox"/> 9. Sheltered Tidal Flats														
RESOURCES AT RISK SEASONAL CONSIDERATIONS: Sp <input type="checkbox"/> Su <input type="checkbox"/> F <input type="checkbox"/> W <input type="checkbox"/>																
WILDLIFE: WADING BIRDS, SHORELINE BIRDS, WATERFOWL																
HABITAT: WINTERING AREA FOR WATERFOWL, NESTING																
THREATENED/ ENDANGERED:																
OTHER:																
RESPONSE CONSIDERATIONS Ownership: _____																
ACCESS:																
<input checked="" type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Boat																
STAGING AREAS:																
COLLECTION POINTS:																
OTHER:																
PROTECTION STRATEGIES Degree of Protectability: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>																
BOOMING METHOD: <input type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover Minimum Boom Length: _____ ft																

<input type="checkbox"/>	PRIORITY	SENSITIVE AREA SUMMARY		Date _____
Site No. <u>WA 16</u>		Map No. _____	Name <u>LITTLE NECK BAY</u>	◀ 30 of 30 ▶
USGS Quad _____		NOAA Chart _____	Other _____	
NOAA ESI Atlas _____		ESI Map # _____	Lat. _____ N	Long. _____ W
Agency/Contact	Expertise	Phone		
NYS DEC/ MS ALFIERI	ENDANGERED SPECIES	516-444-0312		
USFWS/ LIS OFFICE	ECOLOGIST SERVICES	516-581-1538		
SITE DESCRIPTION Area: _____ Tidal Range: <u>6</u> ft Max Currents: <u>5</u> kts GEOGRAPHIC LOCATION: NORTH SHORE OF LONG ISLAND, TWON OF NORTH HEMPSTEAD, NASSAU/QUEENS COUNTY PHYSICAL DESCRIPTION: SAND BEACHES, SALT MARSH, ROCKY SHORE SHORELINE TYPES: (ESI Rank) <input checked="" type="checkbox"/> 1. Exposed Rocky Shores <input checked="" type="checkbox"/> 4. Coarse Sand Beaches <input type="checkbox"/> 7. Exposed Tidal Flats <input checked="" type="checkbox"/> 10. Marshes <input type="checkbox"/> 2. Wave Cut Platforms <input type="checkbox"/> 5. Sand and Gravel Beaches <input checked="" type="checkbox"/> 8. Sheltered Rocky Shores <input checked="" type="checkbox"/> Man-Made Structures <input type="checkbox"/> 3. Fine Sand Beaches <input type="checkbox"/> 6. Gravel Beaches / Riprap <input checked="" type="checkbox"/> 9. Sheltered Tidal Flats				
RESOURCES AT RISK		SEASONAL CONSIDERATIONS: Sp <input checked="" type="checkbox"/> Su <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>		
WILDLIFE: WATERFOWL, WADING BIRDS, SHELLFISH				
HABITAT: WINTERING AREA FOR WATER FOWL				
THREATENED/ ENDANGERED:				
OTHER:				
RESPONSE CONSIDERATIONS		Ownership: _____		
ACCESS:				
<input checked="" type="checkbox"/> Vehicle				
<input checked="" type="checkbox"/> Boat				
STAGING AREAS:		USCG -FORT TOHEN-QUEENS COUNTY AND U.S. MERCHANT MARINE ACADEMY		
COLLECTION POINTS:				
OTHER:				
PROTECTION STRATEGIES		Degree of Protectability: High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>		
BOOMING METHOD: <input type="checkbox"/> Deflect <input checked="" type="checkbox"/> Protect <input type="checkbox"/> Recover		Minimum Boom Length: _____ ft		

ANNEX F TO THE COTP LONG ISLAND SOUND ACP

SUMMARY OF AREA RESOURCES

1. GENERAL. The Long Island Sound Region has numerous commercial resources available in the event of a major spill because of the close proximity to the ports of New York and Boston. This Annex lists the available resources from Oil Spill Removal Organizations, Marine Industry, State and Federal Agencies. In addition various telephone numbers for personnel and information resources are listed the following appendices.

Note: The phone numbers contained within this Annex are not emergency numbers, and are subject to change without notice. These numbers are updated on an annual basis.

Appendices: (I) Equipment
(II) Logistics
(III) Personnel and Information Resources
(IV) Special Forces

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APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

PERSONNEL AND INFORMATION RESOURCE

- TABS: (A) Coast Guard Resources
(B) Federal Authorities
(C) Fire Departments
(D) Hospitals
(E) Pollution Cooperatives
(F) Marine Pilots Associations
(G) Salvage Companies/Divers
(H) Barge and Towing Companies
(I) State Agencies
(J) State Historic Preservation Officers
(K) Facilities
(L) Water Intake Facilities
(M) Environmental Interest Groups
(N) Airports
(O) Trucking Companies
(P) NOAA Weather Service
(Q) Media
(R) Volunteer Organizations
(S) Natural Resource Trustees
(T) Local Emergency Managers
(U) Fishing Fleets
(V) Shipping Agents
(W) Cleanup Contractors

TAB A TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

COAST GUARD RESOURCES

National Response Center	800-424-8802
First District (m)	617-223-8447
First District Command Center	617-223-8555
First District Public Affairs	617-223-8515
Atlantic Strike Team (AST)	609-724-0008
CG Field Office Coram, NY	516-732-0190
MSO/Activities New York	718-354-4131
MSO Long Island Sound	203-468-4444
MSO Providence	401-435-2300
MSO Boston	617-223-3000
MSO Portland	207-780-3251
Group Moriches	516-395-4405
COGARD Station New London	203-442-4471
COGARD Station Eatons Neck	516-261-6959
COGARD Station Shinnicock	516-728-0078
COGARD Station Jones Beach	516-785-2988
COGARD Station Fire Island	516-661-9101
COGARD Ant Long Island Sound	203-468-4407
CGC Point Francis	203-447-1155
CGC Bollard	203-468-4427
CG AIRSTA Brooklyn	718-615-2400
CG AIRSTA Cape Cod	508-968-5300
USCG Bridge Branch	212-668-7165

Tab B TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

FEDERAL AUTHORITIES

SUPSALV (Virginia) 202-695-0231
U.S. Naval Submarine Base (Groton, CT) ...860-449-3444
U.S. Navy Base Newport RI.....401-841-2311

NOAA Scientific Support Coordinators

Ed Levine..... Beeper#: 800-759-7243
PIN: 5798815

NOAA SSC
Bldg. 110 Box 2 phone: 212-668-6428
Governors Island 24hr # : 206-526-6317
New York, NY NOAA E-MAIL-NYSSC

Steve Lehmann.....24hr#: 206-526-6317
NOAA SSC phone: 617-223-8016
Coast Guard Bldg. FAX: 617-223-8013
408 Atlantic Ave.
Boston, MA 02110-3350 Home: 978-454-9881
Home Fax: 978-458-3402

EPA Region One Designated On Scene Coordinators for Oil and Hazardous Substances.

Scott Pelerin U.S. Environmental Protection Agency (HBR)
Thomas Condon JFK FEDERAL BLDG
Cosmo Caterino Boston, MA 02203
William Rice
Dennis Valdes (section leader) COMM: 617-223-7265 (24 Hrs.)
David Tordoff FAX: 617-573-9616
Dorothy Parr
Desiree Moyer

EPA Region Two Designated On Scene Coordinators for Oil and Hazardous Substances.

Doug Kodama U.S. Environmental Protection Agency
Greg DeAngelis Response and Prevention Branch
Matt Garamone Region II
Chris Jimenez Edison, NJ 08837
Carl Pellegrino
Angel Rodriguez COMM: 732-548-8730
Mike Solecki FAX: 732-321-4425

EPA Emergency Response TeamCOMM: 201-321-6660

FEMA Region I.....COMM: 617-223-9540
FEMA Region II.....COMM: 212-225-7209

FEDERAL AUTHORITIES (cont.)

Department of the Interior - U.S. Fish and Wildlife Service Oil
and Hazardous Substance Field Coordinators

Field Response Coordinator for Rhode Island

Charlie Hebert
U.S. Fish and Wildlife Service
Ninigret National Wildlife Refuge
P.O. Box 307
Charlestown, RI 02813
Com: 401-364-9124

Field Response Coordinator for Connecticut

William Kolodnicki
U.S. Fish and Wildlife Service
Stewart B. Mckinney National Wildlife Refuge
P.O. Box 1030
Westbrook, CT 06498
Com: 860-399-2513
After hours: 860-399-7720

Field Response Coordinator for Long Island, NY

Patricia Marpinkovic
U.S. Fish and Wildlife Service
Wertheim National Wildlife Refuge
P.O. Box 21
Shirley, N.Y. 11967
Com: 516-286-0485

U.S. Customs Hartford..... 860-240-4306
New Haven 203-773-2155
New York (SAinC)..... 212-466-2900
(24hr duty agent)... 212-466-2906
Immigration and Naturalization 860-240-3050
Army Corp. of Engineers (Waltham, MA)..... 617-647-8375
(NY)..... 212-264-0162

TAB C TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

FIRE DEPARTMENTS

1. CONNECTICUT.

City/Town	Mayor's #	Fire Dept
Stonington		(860) 445-2497
Mystic		(860) 445-2497
Groton		(860) 445-2497
New London		(860) 442-2345
Hartford		(8690) 522-1234
Old Lyme		(860) 399-7921
Clinton		(860) 669-8633
Guilford		(203) 453-8061
Branford		(203) 315-3919
East Haven		(203) 468-3840
New Haven		(203) 946-6237
West Haven		(203) 933-1616
Milford		(203) 878-5991
Bridgeport		(203) 367-5351
Fairfield		(203) 259-1611
Stamford		(203) 977-5555
Norwalk		(203) 866-3311
Marine Division		(203) 838-0111
Greenwich		(203) 622-7800
Darien		(203) 655-1216
Westport		(203) 341-5010

2. NEW YORK.

All local Fire Departments on Long Island can be reached through one of the county Fire Communications Centers.

Suffolk County	Fire	(516) 924-5252
	Police	(516) 852-6000
	Marine	(516) 854-8382
Nassau County	Fire	(516) 742-3191
	Police	(516) 573-7000
	Marine	(516) 573-4450

HOSPITALS

LIFESTAR (FLYING HOSPITAL) -CT ONLY	1-800-437-4378
NEW HAVEN	
ST RAPHEALS HOSPITAL	203-789-3000
YALE NEW HAVEN	203-785-4242
BRIDGEPORT	
BRIDGEPORT HOSPITAL	203-384-3466
ST VINCENT MEDICAL CENTER	203-576-5171
NEW LONDON -	
LAWRENCE MEMORIAL HOSPITAL	860-442-0711
HARTFORD -	
HARTFORD HOSPITAL	860-545-5555
ST FRANCIS HOSPITAL	860-714-4789
	800-622-6248
DANBURY -	
DANBURY HOSPITAL	203-797-7101
WESTERLY RI -	
WESTERLY HOSPITAL	401-596-6000
PORT JEFFERSON -	
MATHER HOSPITAL	516-473-1320
ST CHARLES HOSPITAL	516-474-6156
STONY BROOK NY -	
UNIVERSITY HOSPITAL	516-689-8333

TAB E TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

POLLUTION COOPERATIVES

1. POLLUTION COOPERATIVES.

<u>Coop Name</u>	<u>Phone Number</u>
New Haven Harbor Pollution Coop	Sal Brancato 203-499-3007 203-499-3028
B-Port Hbr Poll. Abatement Comm.	Kenneth Saloom 203-367-3661
Thames River Pollution Coop	Reuben Spitz 203-442-4321
Connecticut River Pollution Control Committee	Jim McDonald 203-529-7781
Portland/Middletown Pollution Abatement Committee	Bill Peterson 203-342-3560
West Branch Harbor Ass'n (Stamford)	John Paradis 203-327-9366
Norwalk Harbor Coop	Tim Divine 203-866-4421

TAB F TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

MARINE PILOTS ASSOCIATION

Northeast Marine Pilots	401-847-6556
Captain B. B. Fisher, President	401-847-9050
243 Spring St.	
Newport, R.I. 02840	
New Haven Pilots Service	203-265-3673
Donald Monks, President	
45 Alson Ave.	
Wallingford, CT 06492	
Connecticut State Pilots	800-346-4877
State Pier	
New London, CT 06320	
Constitution State Pilots	203-468-0255
278 Feller Dr.	516-582-6327
Central Islip, NY 11722	800-229-7456
New England Pilots	607-843-9255
R.D. 2, Box 277	
Oxford, NY 13830	
Coastwise Pilots	401-294-4786
Northeast Sound Pilots	800-274-1216
243 Spring St.	
Newport, RI 02840	

TAB G TO APPENDIX III TO ANNEX F TO THE LONG ISLAND SOUND ACP

SALVAGE COMPANIES AND DIVERS

Salvage Companies

- | | | |
|-----|--|------------------------------|
| (a) | DonJon Marine Co.
1250 Liberty Ave.
Hillside, NJ 07205 | 908-964-8812 |
| (b) | Tidewater Towing Inc.
1143 Succotash Rd.
Wakefield, RI 02879 | 401-789-4300 |
| (c) | Smit International (Americas) Inc. | 212-344-7470 |
| (d) | Island Marine Inc. | 401-849-4820 |
| (e) | Weeks/Jamestown Marine
Cranford, NJ
Groton, CT | 908-272-4010
860-448-4850 |

Diving Companies

- | | | |
|-----|--|---------------------------|
| (a) | DonJon Marine Co.
1250 Liberty Ave.
Hillside, NJ 07205 | 201-964-8812 |
| (b) | Tidewater Towing Inc.
1143 Succotash Rd.
Wakefield, RI 02879 | 401-789-4300 |
| (c) | Clean Harbors Inc.
1501 Wahington Ave.
Braintree, MA | 800-282-0058
ext: 1268 |
| (d) | Subsea Ass.
2313 E. Main St.
Bridgeport, CT | 203-368-4611 |
| (e) | Island Marine Inc. | 401-849-4820 |

TAB H TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

BARGE, TUG, AND TOWING COMPANIES

1. BARGE AND TUG COMPANIES.

Bouchard Transportation Co 77 Newbridge Rd. Hicksville, N.Y. 11801	718-895-0144
Eklof Marine Co 3245 Richmond Terrace PO Box 030316 Staten Island, N.Y. 10301	718-720-7207
McAllister Bros. Marine Towing 19 Battery Place New York, N.Y. 10004	212-269-3200
Moran Towing & Trans. Co., Inc. 1 World Trade Center Suite 5335 New York, N.Y. 10048	917-625-7800
Morania Oil Tanker Co. 1435 Richmond Terrace Staten Island, N.Y. 10310	718-442-0700
Amerada Hess Marine Towing Division 1185 Ave. of Americas New York, N.Y. 10036	212-997-8500
Texaco Marine Div. P.O. Box 305 Bayonne, N.J. 07002	201-437-5617
Reinauer Transportation Co. 1983 Richmond Tr. Staten Island, NY 10302	718-816-8167
Moran Towing 2 Greenwich Plaza Greenwich, CT 06830	203-625-7800

TAB I TO APPENDIX III TO ANNEX F TO THE LONG ISLAND SOUND ACP

STATE AGENCIES

1. NEW YORK.

NY State Dept. of Environmental Conservation (Albany) 518-457-7362
24hr: 800-457-7362

NY DEC (Stonybrook) 516-444-0323

New York Fish and Wildlife 518-478-3032

New York State Police 516-756-1170

New York Army National Guard 516-253-9002
New York State DOT 518-431-4127

NY State DEC 516-444-0310
Regional Wildlife Manager
SUNY BLDG 40
Stony Brook, NY 11790-2356
Harry Knoch

NY State Division of Military and Naval Affairs 914-454-0430
State Emergency Management Office
Region 4
Creek Road
Poughkeepsie, NY 12601

1. CONNECTICUT

CT Dept of Environmental Protection (DEP) 24hr 860-424-3338
Oil and Chemical Spills Section
79 Elm St. Hartford, CT 06106
Commissioner: Arthur J. Rocque, Jr

Richard Barlow (Chief, Bureau of Waste Management) 860-424-3369
William Hegener (Director, Oil & Chemical Response) 860-424-3024
Charlie Ziemenski (Alternate Area Com rep & RRT rep) 860-424-3377
Scott Deshefey (CT, Scientific Support Coordinator) 860-424-3334
Tom Oulette (Sensitive Area specialist) 860-424-3034

CT DEP, Boating Safety 860-434-8638

CT State Police 203-685-8190

CT Office of Emergency Management 860-566-3180

CT Department of Public Health 860-509-8000

CT Dept of Transportation 860-443-3856

CT Dept of Agriculture, Aquaculture Div 203-874-2855

STATE HISTORIC PRESERVATION OFFICERS (SHPO)

1. NEW YORK

Bernadette Castro Parks, Recreation and Historic Preservation
Agency Building #1
Empire State Plaza
Albany, NY 12238
Tel: 518-474-0443
Fax: 518-474-4492

Ruth L. Pierpont Acting Director, Bureau of Field Services, NY
P.O. Box 189
Waterford, NY 12188-1089
Tel: 518-237-8643
Fax: 518-233-9049

2. CONNECTICUT

John W. Shannahan Connecticut Historical Society
59 South Street
Hartford, CT 06106
Tel: 860-566-3005
Fax: 860-566-5078

3. RHODE ISLAND

Frederick C. Williamson Historical Preservation Commission
150 Benefit Street
Providence, RI 02903
Tel: 401-277-2678
Fax: 401-277-2968

4. NATIONAL CONFERENCE OF STATE HISTORIC PRESERVATION OFFICERS

Eric Hertfelder Executive Director
Suite 342, Hall of States
444 North Capitol Street NW
Washington, DC 20001-1512
Tel: 202-624-5465
Fax: 202-624-5419

TAB K TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

FACILITIES

1. COTP LIS DESIGNATED WATERFRONT FACILITY CONTACTS.

<u>FACILITY</u>	<u>CONTACT PERSON</u>	<u>PHONE</u>
<u>BYRAM RIVER</u>		
WESTMORE FUEL	Dick Bologna	(914) 934-0719
<u>STAMFORD HARBOR</u>		
HOFFMAN FUEL, STAMFORD	Don Vujonovich	(203) 324-6148
SPRAGUE ENERGY	Mike Zampano	(203) 327-9366
<u>NORWALK HARBOR</u>		
CL&P NORWALK	Bob Gunderson	(203) 838-7583
DEVINE BROTHERS INC	Timothy Devine	(203) 866-4421
<u>JOHNSON'S CREEK (BRIDGEPORT)</u>		
BRIDGEPORT UNITED RECYCLING	Guy Maffee	(203) 382-5586
CONSUMERS PETROLEUM	Paul Lavalle	(203) 576-1492
<u>CEDAR CREEK (BRIDGEPORT)</u>		
HI HO	Robert Breunig	(203) 335-0101
HOFFMAN FUEL, BRIDGEPORT	Ed White	(203) 367-6641
SANTA FUEL TERMINALS	Tom Santa	(203) 367-3661
<u>BRIDGEPORT HARBOR</u>		
UI BRIDGEPORT STA	Plant Manager	(203) 330-4036
CILCO TERMINALS	Jim Schine	(203) 336-3841
SHELL OIL COMPANY	Rebecca Lunstroth	(203) 336-2136

HOUSATONIC RIVER (STRATFORD)

CL&P DEVON John Savage (203) 874-2512

NEW HAVEN HARBOR

AMERADA HESS CORP John Buske (203) 624-7004
GATEWAY TERMINAL Jim Llyod (203) 467-1997
GETTY TERMINALS Alex Guardia (203) 467-2536
GULF OIL Leo Black (203) 467-2581
NEW HAVEN TERMINAL Jack Wynn (203) 469-1391
NORTHEAST PETROLEUM Steve Knapp (203) 468-4001
UI HARBOR STA John Scinunu (203) 499-2000
WYATT PINK TANKS Ed Fuchs (203) 787-2175
WYATT T DOCK

Q-RIVER

EAST COAST ENVIRONMENTAL Cheryl Tancreti (203) 469-2376
Q RIVER TERMINAL Robert Breunig (203) 466-2002
WYATT INC (Mobil Oil Term) Ed Fuchs (203) 787-2175

CONNECTICUT RIVER

AMERADA HESS OIL WX John Buske (860) 529-7781
CL&P SOUTH MEADOW STATION James Merchant (860) 240-7120
CL&P MIDDLETOWN Dan Bergeron (860) 638-3081
NORTHEAST PETROLEUM WX Keith Morton (860) 529-3299
PRATT & WHITNEY AIRCRAFT CO. Bill Everett (860) 344-4000
Tri-Ram Asphalt David Fletcher (860) 342-1440
VINCI REALTY Robert Vinci (860) 342-0444

THAMES RIVER

AMERADA HESS OIL	Glenn Slaymaker	(860) 445-7491
CITY COAL	Ron McDaniels	(860) 442-4321
CT LIGHT & POWER COMPANY	Ken Furber	(860) 848-9248
DOW CHEMICAL USA	John M. Lake	(860) 889-4455
GEN. DYNAMICS - ELECTRIC BOAT	Bruce Brown	(860) 433-2710
LEHIGH OIL COMPANY	Peter Castle	(860) 889-1311
PFIZER CHEMICAL DIVISION	Darryl O'Connor	(860) 441-3206

ISLAND PARK

LILCO E.F. BARRETT	Edward Moore	(516) 432-1400
RAD OIL (North & South)	John Didier	(516) 678-1111

OYSTER BAY

COMMANDER OIL	Anthony Cassandro	(516) 922-9700
NORTHPORT POWER STATION	Jim Davis	(516) 262-2200

COLD SPRING HARBOR

MOBIL COLD SPRING HARBOR	Hank Meyerhoffer	(516) 676-5025
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PORT JEFFERSON

LILCO PORT JEFFERSON	Frank Su	(516) 473-1020
TOSCO PORT JEFFERSON	Zenon Czujko	(516) 941-4040

RIVERHEAD

TOSCO INDUSTRIES	Dan Gianfalla	(516) 727-5600
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TAB L APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

WATER INTAKE FACILITIES

1. CONNECTICUT

Millstone Nuclear Power Plant- Waterford, CT	860-447-1791
Connecticut Yankee Nuclear Power Plant Haddam Neck, CT	860-267-2556
CL&P Montville Uncasville, CT	860-848-9248
UI- English Station New Haven, CT	203-499-3817
UI- Harbor Station New Haven, CT	203-499-3000
CL&P Devon Milford, CT	203-874-2512
CL&P South Meadow Station Hartford, CT	860-240-7120
CL&P Middletown Middletown, CT	860-346-9639
UI- Bridgeport Station Bridgeport, CT	203-330-4083
CL&P Norwalk South Norwalk, CT	203-838-7583

2. NEW YORK

LILCO Northport Power Station Northport, NY	516-262-2200
LILCO Port Jefferson Port Jefferson, NY	516-476-2200
LILCO E.F. Barrett Station Island Park, NY	516-897-3231

TAB M TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

ENVIRONMENTAL INTEREST GROUPS

Connecticut River Watershed Council, Inc 125 Combs Road Easthampton, MA 01027	413-529-9500
National Audubon Society - Regional Office 1789 Western Avenue Albany, NY 12203 Regional Vice President: David J. Miller	518-869-9731
Nature Conservancy - Eastern Regional Office 201 Devonshire Street, 5th floor Boston, MA 02110 Director: Bruce Runnells	617-542-1908
New England Interstate Water Pollution Control Commission 85 Merrimac Street Boston, MA 02114 Executive Director: Ronald Poltak	617-292-5673
New England Regional Fisheries Mgmt Council 5 Broadway, Route 1 Saugus, MA 01906 Executive Director: Douglas Marshall	617-231-0422
Wilderness Society 20 Park Plaza, Suite 536 Boston, MA 02116 Regional Director: Michael Kellett	617-350-8866
Audobon Center in Greenwich 613 Riversville Road Greenwich, CT 06831 Director: Philip P. Schaeffer	203-869-5272
Connecticut Air Conservation Committee The American Lung Ass'n of Connecticut 45 Ash Street East Hartford, CT 06108 Executive Director: John Zinn	860-289-5401
Connecticut Arboretum at Connecticut College Department of Botany New London, CT 06320 Director: Glenn Deyer	860-439-2140

ENVIRONMENTAL INTEREST GROUPS (cont.)

Connecticut Ass'n of Soil and Water
Conservation Districts, Inc.
Agriculture Center
Route 154
Haddam, CT 06438 860-345-3219
President: Thomas O'Dell

Connecticut Council on Environmental Quality
State Office Building, Room 239
165 Capitol Avenue
Hartford, CT 06106 Fax:860-566-3510
Executive Director: Karl Wagener

Connecticut Audubon
118 Oak Street
Hartford, CT 06106 860-527-8737

Connecticut Fund for the Environment, Inc.
1032 Chapel Street, 4th Floor
New Haven, CT 06510 203-787-0646
Executive Director: Donald Strait

Connecticut Hazardous Waste Management Service
900 Asylum Avenue, Suite 360
Hartford, CT 06105 860-244-2007
Chairman: R. Christopher Blake

Great Meadows Conservation Trust, Inc.
400 Hartford Avenue
Wethersfield, CT 06109 860-529-2290
President: John Lipper
Haddam Land Trust, Inc.
8 Basket Shop Road
Haddam, CT 06424 860-267-9223
President: Peter Smith

Housatonic Valley Association, Inc.
P.O. Box 28
Cornwall Bridge, CT 06754 860-672-6678
Executive Director: Lynn Werner

Nature Center for Environmental Activities, Inc.
P.O. Box 165, 10 Woodside Lane
Westport, CT 06881 203-227-7253
President: John Horkel

ENVIRONMENTAL INTEREST GROUPS (cont.)

Nature Conservancy, CT Chapter
55 High Street
Middletown, CT 06457 203-344-0716
Executive Director: Denise Schlener

New Canaan Land Conservation Trust, Inc.
156 South Avenue
New Canaan, CT 06840 203-972-1270
Chairman: J.D. Gunther

New Canaan Nature Center
144 Oenoke Ridge
New Canaan, CT 06840 203-966-9577
Director: Ann Harper

Project Oceanology
Avery Point
Groton, CT 06340 860-445-9007
Director: Howard Weiss

Save the Sound
185 Magee Ave
Stamford, CT 06902 203-327-9786
Director: John Atkin

Science Museum of Connecticut
950 Trout Brook Drive
West Hartford, CT 06119 860-231-2824
Director: Edward Forand

Soundkeeper
7 Edgewater Place
Norwalk, CT 06855 203-854-5330
Director: Terry Backer

Stamford Museum and Nature Center
39 Scofieldtown Road
Stamford, CT 06903 860-322-1646
Executive Director: Gerald Rasmussen

Thames Science Center
Gallows Lane
New London, CT 06320 860-442-0391
Director: Paul Tatter

TAB N TO APPENDIX III TO ANNEX F TO COTP LONG ISLAND SOUND ACP

AIRPORTS AND AIRCRAFT RENTAL

1. CONNECTICUT AIRPORTS (C-130 CAPABLE).

TWEED-NEW HAVEN	203-946-8285
	203-787-8283
	PAGER: 203-867-9628
BRADLEY INTERNATIONAL	860-627-3001
SIKORSKY-BRIDGEPORT	203-459-2850
GROTON/NEW LONDON	860-445-8549

2. NEW YORK AIRPORTS.

JOHN F. KENNEDY	718-995-9760
LAGUARDIA	718-553-8500
MACARTHER-LI	516-467-3210
SUFFULK CO.-LI	516-852-8095

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TAB S TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

NATURAL RESOURCE TRUSTEES

1. STATE DESIGNATED TRUSTEES

Connecticut: Connecticut Department of Environmental Protection
165 Capital Ave.
Hartford, CT 06106

Name: Arthur Rock (860) 424-3001

New York: Commissioner of the New York State Department of
Environmental Conservation
Albany, NY 12224

Name: John P. Cahill (518) 457-1162

Rhode Island: Director of Department of Environmental Management
9 Hayes Str.
Providence, RI 02908 (401) 277-2771

Name: Andrew H. Mcloud

2. FEDERAL DESIGNATED TRUSTEE

a. U.S. Dept. of the Interior

Mr. Andrew Raddant: Regional Env. Officer
DEPT of INT. (617) 223-8565
408 Atlantic Ave/ Rm 142 alt(413) 253-8646
Boston, MA 02110-3334 alt(413) 539-3194
fax(617) 223-8569
24hr pager(800) 398-0147

b. NOAA

Mr. Gerry Wheaton: NOAA HAZMAT Response
90 Canal St. 24hr (206) 526-6317
Boston, MA 02203-2211 fax (617) 573-9662

Ms. Lisa Rosman: NOAA
Emergency & Remedial Response Division
290 Broadway (212) 637-3259
18th Floor
New York, NY 10007 fax (212) 637-4360

TAB T TO APPENDIX III TO ANNEX F TO COTP LONG ISLAND SOUND ACP

LOCAL EMERGENCY MANAGERS

BRANFORD George Ahern P.O. Box 150 Branford, CT 06405	203-488-3125
BRIDGEPORT Mary Moran 45 Lyon Terrace Bridgeport, CT 06604	203-332-5505
CHESTER Raymond Narducci 25 Straits Road Chester, CT 06412	203-526-2047
CLINTON David LaFemina 54 East Main Street Clinton, CT 06413	860-669-9333
CROMWELL Fred Curtin 41 West Street Cromwell, CT 06416	203-632-3420
DEEP RIVER Keith Nelson 72 Bokum Road Deep River, CT 06417	203-526-9929
EAST HADDAM John Blaschik Town Office Building E. Haddam, CT 06423	203-876-8615
EAST HARTFORD Ken Loock 740 Main Street East Hartford, CT 06108	203-282-9326
EAST HAVEN Wayne Sandford 200 Main Street East Haven, CT 06512	203-468-3840
ESSEX Richard Leighton 34 Sea Lane Essex, CT 06475	860-388-6175

TRI-TOWN LEPC (Waterford, E. Lyme, New London, Niantic)
Fred Johnson
P.O. Drawer 519 203-442-9585
Niantic, CT 06385

WEST HAVEN
Tom Carvelho 203-937-3510
355 Main Street
West Haven, CT 06516

WESTBROOK
Paula Ferrara 203-399-6236
P.O. Box G
Westbrook, CT 06498

WESTPORT
Paula Lucianni 203-227-1511
515 Post Road East
Westport, CT 06880

WETHERSFIELD
Joseph Hart 203-529-9376
38 Laconia Road
Wethersfield, CT 06109

TAB U TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

FISHING FLEETS

1. FISHING VESSEL ASSOCIATIONS AND ORGANIZATIONS.

Southern New England Fisherman's Association
Arthur Medeiros (203) 535-3150
Town Dock OFFICE: (203) 535-3930
Stonington, CT. 06378

Long Island Sound Draggerman's Association
Gary Yerman (860) 669-3537
258 Airlink Rd.
Clinton, CT. 06413

Long Island Sound Lobsterman's Association
James King (516) 298-4718
220 East Mill Road
Mattituck, NY. 11952

Shinnecock Fisherman's Cooperative
Richard Lofstad (516) 653-6797

Shinnecock Marlyn and Tuna Club
Floyd Carrington (516) 653-6594
25 Sunset Avenue
East Quogue, NY. 11942

2. PRIVATE VESSEL VOLUNTEERS.

Gary Neillands, vessel "SEA SERVER"
Operates out of Oyster Bay, NY (516) 676-2895

TAB V TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

SHIPPING AGENTS

Allied Intercontinental 17 Battery Place RM 1902 New York, NY. 10004	212-344-2720
American Trading Trans. Co. 555 Fifth Ave. New York, NY 10017	212-682-7722
Atlantic Tankships P.O. Box 13348 Norfolk, VA. 23506	804-461-2277
Bill Black Agency 1 Edgewater Plaza Staten Island, NY 10305	718-981-7373 *609-799-0992
Boyd Weir and Sewell 17 Battery Place New York, NY 10004	212-248-9550 *718-435-2827 718-789-8221
CILCO Terminal 535 Seaview Ave. Bridgeport, CT. 06601	203-336-3841 After Hours 203-372-2367
Clipper Shipping Agency 71 Arch St. Greenwich, CT 06830	203-661-6100
Exxon Shipping P.O. Box 84 Linden, NJ. 07036	201-474-7718
Goff & Page P.O. Box 1860 Bridgeport, CT 06604	*203-336-9009
Interoceanica 535 Seaview Ave. Bridgeport, CT. 06607	203-367-2554
Kerr Steamship Co. 2 World Trade Center New York, NY 10048	212-524-1180 *212-744-3345

SHIPPING AGENTS (cont.)

McDonald Agency 150 E. 42nd St. New York, NY 10017		*212-883-3074
Moran Shipping 10 Jefferson Blvd Warwick, Ri 10038		212-227-9797 *401-297-4515
New Haven Terminal 100 Waterfront St. New Haven, CT. 06512	After Hours	203-469-1391 203-481-6492
Norton Lilly & Co. 200 Plaza Dr. Secaucus, NJ 07044		201-392-2875 *201-270-6926 718-372-0527
Rice, Unruh, Reynolds 29 Broadway New York, NY. 10006		212-943-2350
Rugerio & Ogle 1209 Bay Street Staten Island, NY. 10305		718-816-8850
Tag Ship Agency 950 Bridgeport Ave. Milford, CT 06460		203-877-7457 *203-374-7476 203-367-0464
Weaver Marine 1 Edgewater Plaza Staten Island, NY. 10305		718-442-3700

* 24 Hour Phone Number

TAB W TO APPENDIX III TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

CLEANUP CONTRACTORS

<u>CONTRACTOR</u>	<u>EQUIPMENT PAGE LISTING</u>
ABC TANK REPAIR AND LINING INC. 280 EAST 88TH ST. BROOKLYN, N.Y. 11236 PHONE: (718) 272-2800 / FAX: (718) 272-3147 POC: BOB CAPOZELLO	F-I-D-23
AMERICAN ENVIRONMENTAL TECHNOLOGIES INC. 3 TROWBRIDGE DR. BETHEL, CT. 06801 PHONE: (203) 744-3477 / FAX: (203) 794-0535 POC: JAY BRUNDAGE	F-I-D-11
AMERICAN INDUSTRIAL MARINE, INC. P.O. BOX 4048 DUNELLEN, N.J. 07060 PHONE: (908) 756-4200 / FAX: (908) 756-5797 POC: JIM DEWITZ	F-I-D-30
CLEAN HARBORS INC. 60 PETER COURT, NEW BRITAIN, CT. 06051 PHONE: (203) 224-7600 / FAX: (203) 225-0038 POC: Chris Mullen	F-I-D-10
CLEAN VENTURES 1160 STATE ST. PERTH AMBOY, N.J. 08862 PHONE: (908) 442-4900 / FAX: (908) 826-9380 POC: TOM HUNT	F-I-D-15
DON JON 1250 LIBERTY AVE. HILLSIDE, N.J. 07205 PHONE: (908) 964-8812	F-I-D-33
EAST COAST ENVIRONMENTAL SERVICE CORP. 454 QUINNIPIAC AVE. NEW HAVEN, CT. 06513 PHONE: (203) 469-2376 / FAX: (203) 467-1732 POC: LEO TANCRETI	F-I-D-7

CLEANUP CONTRACTORS (cont.)

<u>CONTRACTOR</u>	<u>EQUIPMENT PAGE LISTING</u>
ENVIRONMENTAL PRODUCTS & SERVICES 147 WHEELER AVE. BRIDGEPORT, CT. 06606 PHONE: (203) 367-3774 POC: ANTHONY RICHARDI	F-I-D-12
ENVIRONMENTAL SERVICES INC. 90 BROOKFIELD ST. SO. WINDSOR, CT. 06074 PHONE: (203) 528-9500 / FAX: (203) 289-0138 POC: KYLE ZIMMER	F-I-D-21
FENLEY & NICHOL ENVIRONMENTAL 445 BROOK AVE. DEER PARK, N.Y. 11729 PHONE: (516) 586-4900 / FAX: (516) 586- 4920 POC: ARTIE BALDWIN	F-I-D-31
FLEET ENVIRONMENTAL SERVICES 565 WINTHROP ST. TAUTON, MA. PHONE: (508) 880-6912 / FAX: (508) 880-6914 POC: ROBERT CAMBRA	F-I-D-14
FURINO & SON INC. 767 NORTH AVENUE PLAINFIELD, N.J. 07062 PHONE: (908) 756-7736 / FAX: (201) 858-5521 POC: GEORGE M. FURINO	F-I-D-24
GENERAL ENVIRONMENTAL SERVICE 9 GARRISON AVE. WYANDANCH, N.Y. 11798 PHONE: (516) 491-1444 / FAX: (516) 491-0508 POC: GLENN P. BONELLI	F-I-D-19
GROUNDWATER TECHNOLOGY, INC. 101-1 COLIN DRIVE HOLBROOK, N.Y. 11741 PHONE: (516) 472- 4000 / FAX: (516) 472- 4000	F-I-D-22
JET-LINE SERVICES 284 ALLENS AVE. PROVIDENCE, RI. 02072 PHONE: (401) 781-5510 / FAX: (401) 341-0635	F-I-D-9
MILLER ENVIRONMENTAL GROUP 460 EDWARDS AVE. CALVERTON, N.Y. 11933 PHONE: (516) 369-4900 / FAX: (516) 369-4909	F-I-D-8

CLEANUP CONTRACTORS (cont.)

CONTRACTOR

EQUIPMENT PAGE
LISTING

NATIONAL WATER MAIN CLEANING
875 SUMMER AVE.
NEWARK, N.J. 07104
PHONE: (201) 483-3200 / FAX: (201) 483-5065

F-I-D-27

S&D ENVIRONMENTAL SERVICES INC.
TWO GOURMET LANE
EDISON, N.J. 08837
PHONE: (732) 549-8778 / FAX: (732) 549-8707
POC: JOHN LANE

F-I-D-5

THOMPSON DIVING SYSTEMS
425 HARDING AVE.
STRATFORD, CT. 06497
PHONE: (203) 377-6520 / FAX: (203) 377-7264
POC: JOHN D. THOMPSON

F-I-D-26

ZECCO, INC. RES
345 WEST MAIN ST.
NORTHBORO, MA. 01532
PHONE: (508) 393-2537 / FAX: (508) 393-7485
POC: Dan Douth Wright

F-I-D-16

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TAB G TO APPENDIX IV TO ANNEX F TO THE COTP LONG ISLAND SOUND ACP

ATSDR

The Agency for Toxic Substances and Disease Registry (ATSDR) maintains appropriate disease/exposure registries, provides medical care and testing of individuals during public health emergencies, develops, maintains, and informs the public concerning the effects of toxic substances, maintains a list of restricted or closed areas due to contamination, conducts research examining the relationship between exposure and illness, and conducts health assessments at contaminated sites. The ATSDR also assists the EPA in identifying most hazardous substances at CERCLA sites, develops guidelines for toxicological profiles of hazardous substances, and develops educational materials related to the health effects of toxic substances. ATSDR resources are an important tool for the OSC to use in assessing the possible effects of an environmental emergency on the public's health.

ANNEX F, Appendix V: Personnel Mobilization Plan

1. PURPOSE. The goals of this personnel mobilization plan are to:
 - a. Enable the sustainability of the Unified Command/Incident Command System (UC/ICS) for the duration of any major pollution response operation;
 - b. Reconcile projected worst case personnel needs (See WQSB in ANNEX M) with actual needs based on incident-specific ICS cell organization, as detailed by the UC/ICS Resources Unit in completed ICS Forms 203, 204, and 207; and
 - c. Ensure the efficient ramp-up and demobilization of personnel in supporting the response operation.
2. RESPONSIBILITIES. The responsibilities of component Coast Guard organizations are as follows:
 - a. The First District Command Center is the one-stop shopping center for all UC/ICS governmental personnel needs. The command center will coordinate activation of the D1 District Response Group, assist in personnel requests directed to Coast Guard units outside the limits of the First District chain of command (ISC Boston, ESU Boston, NSFCC, other districts, MLC Atlantic, etc.) and to other governmental agencies (RRT), and will establish a Crisis Action Center (CAC), consisting of the D1 DRAT Chief and (mor) officer, either of whom will be available to the UC/ICS on a 24 hour basis, for D1 VOSS or SORS deployment, access to D1's infrared cameras, RRT support, or mobilization of ICS-trained personnel from other D1 marine safety field units.
 - b. All First District units will be available to the UC/ICS, as directed by the command center, and assist as necessary in responding to any major pollution incident.
 - c. ISC Boston will assist in assessing UC/ICS needs on site and in mobilizing appropriate Active Duty, Reserve, and Auxiliary personnel to support the response operation, as per MLC Atlantic Disaster Support Plan 9700-97 and COMDTINST 5400.1.
 - d. UC/ICS Resources Unit will work with the advance ISC Boston Damage Assessment Team to determine response operation personnel needs and shortfalls and work with the ISC and the command center in satisfying identified needs, assigning the best qualified people at the most reasonable cost with the least impact on mission accomplishment.

3. OPERATIONS.

a. During major pollution incidents the FOSC will oversee the UC/ICS to ensure a proper functioning, NIIMS-based Incident Command System is established, as per COMDTINST 16471.1. The response management system and cell organization will be modified appropriately, adjusted to address the relative size and complexity of the spill event. Important variables include the amount and type of oil spilled, whether the cleanup will be conducted both day and night or daytime only, the degree to which the responsible party responds, and the availability of local personnel (leave, TAD, etc.). Primary responsibility for staffing the ICS rests with the responsible party, who should be prepared to activate a Spill Management Team (SMT) capable of running a sustained cleanup operation. The FOSC and appropriate Area Committee members must be ready to step in and run the response operation themselves in those instances where there is a time delay while the responsible party ramps up or when the responsible party is ineffective in rallying sufficient personnel resources to properly manage the cleanup. These contingencies can create personnel shortages which the FOSC may need to overcome quickly in order to manage a response operation effectively. To ease communication between the FOSC and command center, COMDTINST 16471.2 specifies four classifications of spill types, with Type 1 incidents being the most complex. Staffing for Type 3 and 4 incidents will involve primarily local Coast Guard MSO and Group personnel, Area Committee members, and some district or NSF personnel. More complex incidents will involve activation of the Atlantic Strike Team (AST)'s Incident Management Augmentation & Assist Team (IMAAT), to assist the FOSC, not to supersede or preempt the local response management organization.

b. Initial UC/ICS Personnel Actions. Assuming a delay of at least 24 hours before the RP's SMT arrives on scene, the FOSC must mobilize as many local port resources as quickly as possible and identify gaps between the local WQSB and the ICS organization developed for the specific incident (ISC FORMS 203, 204 and 207 should be filled out and faxed to the First District Command Center). The FOSC should also liase directly with the AST to get an appropriate number of Strike Team members on the move. The D1 DRAT Chief maintains a listing of AST members who are qualified to fill various ICS WQSB billets. With the arrival of ISC Boston's advance team, the UC/ICS Resources Unit should work with ISC and the RP to project personnel needs over the next 24-72 hour period and convey those needs to the First District Command Center.

Requests for active duty augmentation should be specific, identifying the number of people required, rate/rank, special skills, experience, knowledge, and expected duration of service. Concurrently, the affected local Coast Guard units should initiate a call-up of their own local reservists and auxiliaries. Guidelines for Mobilizing Unit Reservists. Members of the Coast Guard Ready Reserve who drill at local units are immediate force multipliers during surge operations, but it is important that lines of authority for their call-up are kept clear. In order to obtain the fastest response of reservists for surge operations, the unit should rely first on its own drilling members and use Inactive Duty Training (IDT), Annual Duty Training (ADT), or Voluntary Unpaid Drills to its own best advantage. In order to meet surge requirements, Reserve members in a drilling status are authorized 48 paid IDT drills and 12 (up to 15) ADT days per year. There is no limit to the number of unpaid drills a reservist may perform in a voluntary capacity. The servicing PERSRU of the unit to which reservists are assigned (unit's RPAL billets) is responsible for processing reservists to support surge operations for IDT and ADT. For paid IDT, drills cannot exceed 48 in a fiscal year, 24 per quarter, 12 per month or 6 per week. ADT can be rescheduled flexibly, with the permission of the affected reservist and the approval of the District Commander. To use ADT, contact the reservist and request the performance of ADT at the desired time and location. Use of reservists beyond these three types of ways, involves coordination between the new D1(opr) Branch and the ISC Boston Force Optimization Branch. Requests for reservists in response to domestic emergencies must be made through the command center, via the First District Operations and Readiness Branch (opr). Requests for reservists to meet the surge demands of a Coast Guard component involves the initiation of the District Commander's authority under 10 USC 12301 (d). This authority authorizes the District Commander to initiate a voluntary recall of up to 10 officers and 100 enlisted reservists for a period not to exceed 30 days for any one domestic emergency. Reserve personnel needs beyond the capability of the component Coast Guard unit to fill on its own need to be transmitted to the PERSRU at ISC Boston, and must identify as a minimum the number of reservists required by rate/rank, special skills, experience, knowledge, and anticipated duration of the surge operation. ISC Boston will solicit volunteers to fulfill the request and then identify reservists to fill the need.

c. Initial D1(cc) Personnel Actions. Assuming the local units will need as much help as possible right away, the command center will immediately activate a CAC and, as appropriate, begin to dispatch district personnel to the scene, including: (dpa) rep, (dt) rep, (dl) rep, DRAT equipment and environmental specialists, and an AIRSTA Flight Services Officer to coordinate flight safety. Related logistical needs, which should be anticipated, are the scheduling of a Coast Guard overflight if no commercial alternative is available, a Coast Guard cutter to assist in directing on-water operations, and one or more buoy tenders for the ready deployment of the D1 VOSS or SORS equipment. The command center will also immediately notify the ISC Boston OOD and request the dispatch of: an ISC advance team and the ISC Industrial Hygienist. Personnel support is a critical issue for the command center CAC. D1(cc) CAC members will work closely with ISC Boston to fill UC/ICS needs; the D1 DRAT Chief will coordinate directly with other First District marine safety field units to identify suitable qualified personnel to assist in the cleanup operation. The D1 DRAT Chief will also liase with other federal, state, and local agencies as necessary to support personnel issues the UC/ICS requests assistance in resolving.

d. Coordination of Coast Guard Resources Beyond D1 Geographic Limits. The D1 Command Center will work with ISC Boston to obtain additional resources beyond the D1 DRG as the need arises. The Atlantic Area Commander and MLC Atlantic will be consulted to provide out-of-district personnel during major spill incidents. The points at which out-of-district resources will be requested will be twofold: when specific resources needed on scene are not available in the First District or when the magnitude of the incident is such that the district cannot maintain its ability to keep the response operation adequately sustained. An example of the first situation would be a request to bring AIREYE or dispersant application assets and personnel on scene; whereas, the second would be mobilization of the AST IMAAT, consisting of the following personnel:

Atlantic Area IMAAT Members

Deputy Incident Commander	CDR Gaudiosi, AST CO
Information Officer	CWO Haley, NSFCC PIAT
Liaison Officer	CDR Obernesser, D5 (mor)
Safety Officer	LCDR Davenport, MLC Atlantic
Planning Sect. Chief	LCDR Matthew, AST XO
Resource Unit Leader	LT Flynn, AST
Situation Unit Leader	LTJG Cioffi, AST
Ops Sect. Chief	CDR Hartley, GST
Deputy Ops Sect Chief	LT Hanzalik, GST
Logistics Sect. Chief	LT Wisener, PST
Finance Sect. Chief	CWO Peterson, AST
Documentation Unit Leader	CWO Galapate, PST
Demob/Ground/Vsl Support	CWO Alenitsch, AST
Time/Cost Unit	YN1 Leahy, AST
Procurement Unit Leader	Ms. Deegan, MLCA
Comms Unit Leader	SCPO Tracy, CAMSLANT
Supply Unit Leader	SKCS Pesante, D5
ICS Technical Spec.	LT Burke, NSFCC

4. DEMOBLIZATION. The UC/ICS Demobilization Unit will monitor and track personnel activity and develop a plan for demobilizing equipment and personnel, determining which resources are in excess and using ICS Form 221 to communicate with the appropriate ICS cell chief or leader, as necessary, so the response organization can shut down in a planned and orderly fashion.

Marine Safety Office Long Island Sound GROUP V OIL

I Introduction.

The Area Committee formed a subcommittee in 1996 to develop an Area Contingency Plan Annex to address the issues of Group V oils. The subcommittee consisted of representation from the Coast Guard, EPA, CT DEP, NY DEC, industry, and contractors.

Group V oils are defined as having an American Petroleum Institute (API) gravity less than 10 at 60 F, meaning that the specific gravity is greater than 1. Thus, Group V oils can float, be neutrally buoyant, or sink in water, depending on the properties of the specific oil and the salinity of the receiving waters. The utility industry refers to these heavy fuel oils as low-API oils, or LAPIO. In a regulatory sense, they are considered to be Group V fuel oils, as are other types of Group V oils, such as asphalt, asphalt cutter stock, and very heavy crude oils.

In the LIS COTP Zone, No. 6 fuel oil tends to fit in the regulatory criteria of Group IV Oils, but due to physical properties of some shipments of No. 6 fuel oil, they become accurately classified as Group V Oils. Characteristics are dependent upon additives, mixtures, and blending stocks, ambient weather conditions at time of discharge, product temperature, and water properties.

II Products Transferred in LIS.

September of 1996, COTP LIS conducted an analysis of past transfers of Group V products and determined that six facilities conduct transfers of Group V oils. Three facilities are owned/operated by Connecticut Light and Power (CL&P), the other three are Harborview, Chevron, and Gateway Terminals. Public utilities use residual oils to generate electricity and have evaluate the use of Group V oils because of their lower costs and higher BTU values. The analysis did not account for Group V oils which transit LIS Zone in vessels and do not make port calls, lightering operations, future transfers at new facilities, pipelines, and other potential users.

The operations manual and response plan for each identified facility was reviewed for specific information relating to Group V products. Each facility's response plan contains information on containment and countermeasures to mitigate a discharge. Harborview, Chevron and Gateway terminals specifically address response to a discharge of their Group V Product(s). CL&P addresses response to a discharge of No. 6 fuel oil product. CL&P transfers No. 6 fuel oil which may be categorized as a Group IV and occasionally as a Group V product. The following list provides facilities and classification of Group V products transferred in the LIS Zone.

<u>TERMINALS</u>	<u>GROUP V PRODUCTS TRANSFERED</u>
Harborview Terminal	Asphalt
CL&P Devon	No. 6 fuel oil
CL&P Montville	No. 6 fuel oil
CL&P Norwalk Harbor	No. 6 fuel oil
Chevron	Asphalt
Gateway	Asphalt, NO. 6 fuel oil

The Prevention and Compliance Branch of MSO LIS reported prior to 1996 the spill history for each of the identified six facilities which conduct transfers of potential Group V products:

<u>Terminals</u>	<u>Spills</u>	<u>Potential Group V</u>
Harborview Terminal	no recorded spill history	
CL&P Devon	01 recorded spill	1 (80gal)
CL&P Montville	03 recorded spills	1 (20gal)
CL&P Norwalk Harbor	06 recorded spills	
Chevron	no recorded spill history	
Gateway	no recorded spill history	

(The two spills listed under the "Potential Group V Oils" column involved No. 6 fuel oil. No. 6 fuel oil may be classified as Group IV or V. Not enough information is available to determine if these spills were Group V products.)

III Response issues.

On July 23, 1996 at our COTP LIS Area Committee Meeting, the NOAA Scientific Support Coordinator, presented a debrief on Morris J Berman and Piscataway River Group V Oil Spills. It was reported that spills of Group V fuel oil can have complex behavioral patterns, depending on the API gravity of the oil, the homogeneity of the mixture, the density of the receiving water, and the physical setting of the spill site. Denser-than-water oil is expected to mist in the water column as oil droplets rather than large, cohesive mats. Oil can accumulate on the bottom under calm current conditions. Releases of very heavy oil in harbors with dredged channels and berths in canals could readily sink and form pools of oil on the bottom. Releases in areas subject to tidal and river flow are likely to be kept in suspension in the water column by currents. If the oil is poorly mixed or unstable, the spill could separate into components that can float, suspend, and sink simultaneously. Therefore, it is more correct to consider these oils as non-floating, rather than sinking oils. Loss of the light components through evaporation is not thought to be an important mechanism by which floating oil slicks eventually sink. Also, incorporation of sand, not silt or clay particles, makes these oils sink.

Because Group V oil can float, sink, become neutrally buoyant, or separate and possess all three characteristics, it poses significantly greater risks to natural resources, compared to floating oil spills. Initial response and surface recovery of all potential Group V products may prevent some sinking of material.

Once beyond the initial response phase several critical cells of the Unified Command System will need to be staffed to coordinate for the complex response to Group V oil incidents:

- *Operations*
 - *Diving Operations*
 - *Dredge Operations*
- *Planning*
 - *Scientific Support Coordinator*
 - *Trajectory analysis specialist*
 - *Alternative Response Technology*
 - *Bioremediation Specialist*

Location The options for locating sunken oil includes aerial observations in clear water, diver transects, underwater video, and sonar equipment. All remote observations have to be verified with diver surveys. Diving conditions can be very difficult because the divers are likely to become heavily contaminated from oil in the water column and oil re-suspended from the bottom. There are no proven techniques for locating the oil that is neutrally buoyant and suspended in the water column.

Containment Historically, sunken oil was not actually contained but instead tended to accumulate in natural collection areas on the bottom. Although bottom booms have been proposed, it is not likely that they will be effective if deployed. Containment is feasible in very weak currents with fine-mesh nets coupled with surface boom to contain the floating or re-floating fraction of the oil. This curtain boom is effective if protected from local vessel traffic.

Recovery Sunken oil has proven to be very difficult to collect. Options include are:

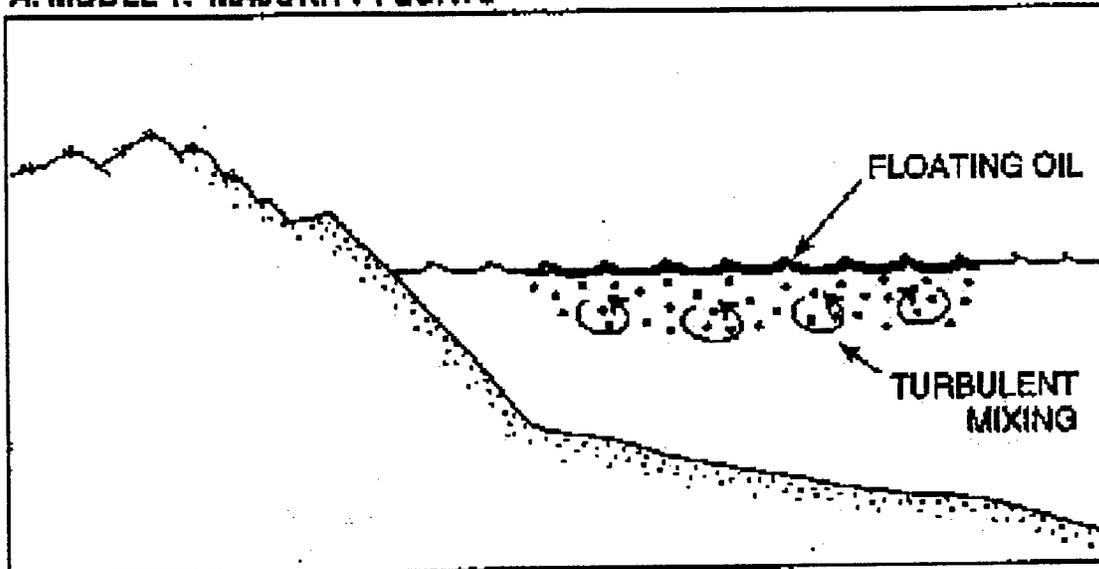
- Manual removal by divers
- diver-directed pump/vacuum systems
- Dredging
- Use of robotic pumping systems
- Bioremediation.

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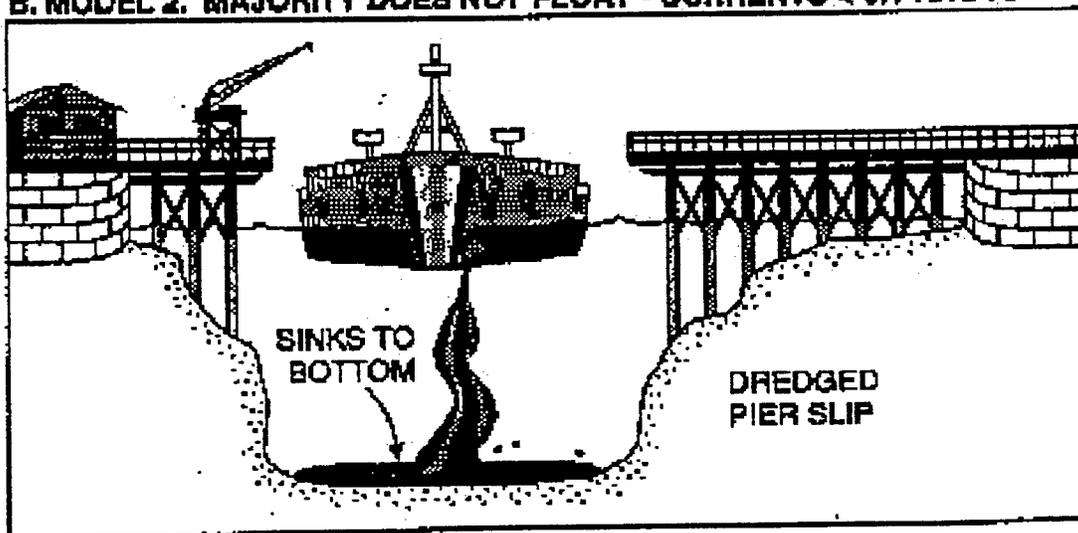
IV Behavioral models for spilled Group V Oils These predicted behavior models for Group V fuel oil are used in the next section to assess the potential resources at risk during spills.

A. MODEL 1. MAJORITY FLOATS



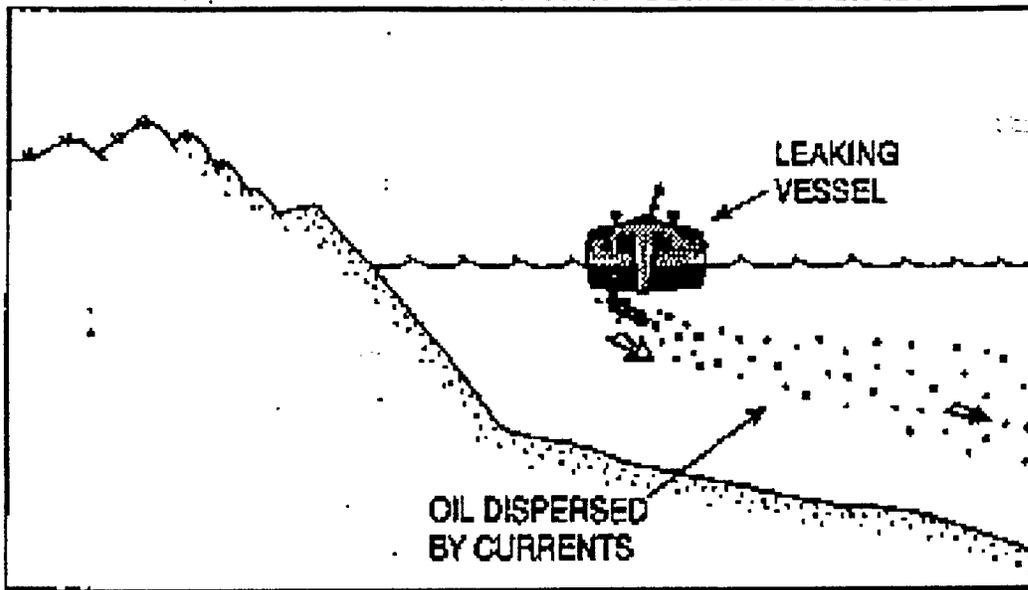
Neutrally buoyant or sinking Group V fuel oil weathers very slowly by evaporation, a process which tends to remove the lighter-ends from floating oil slicks and greatly reduces the toxicity of the spilled oil. As a result, the toxic components of a Group V fuel oil spill can be introduced directly into the water column, such as fish, shellfish, and marine mammals, can be exposed to these higher concentrations.

B. MODEL 2. MAJORITY DOES NOT FLOAT - CURRENTS < 0.1 KNOTS



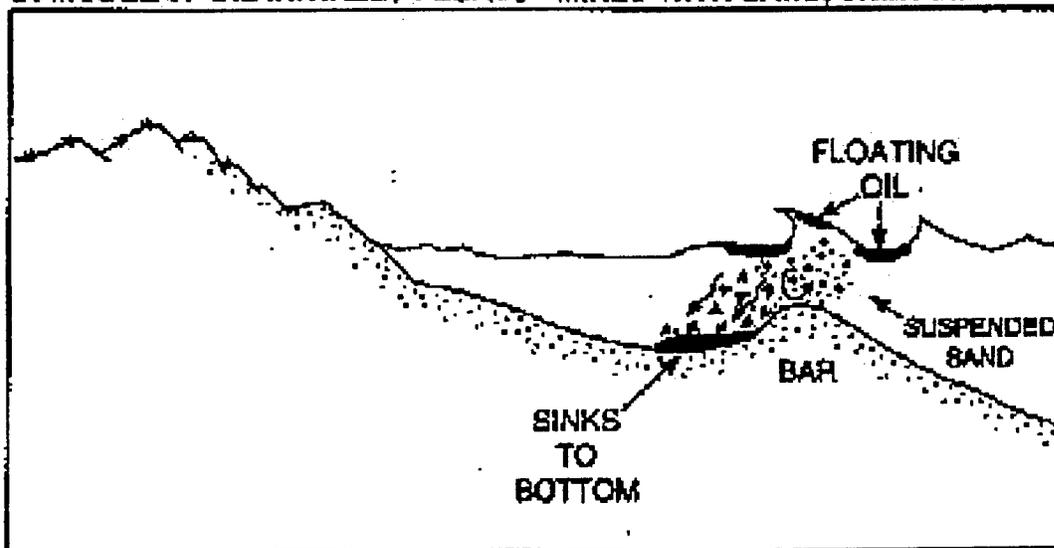
Group V fuel oil that is denser than the receiving waters is not expected to sink immediately to the bottom and remain there. More likely, it will be suspended in the water column by tidal or river currents. Accumulation of oil on the bottom is expected only in depressions or zones of low flow, such as dredged channels, dead-end waterways, abandoned channels, or protected bays and lagoons.

C. MODEL 2. MAJORITY DOES NOT FLOAT - CURRENTS > 0.1 KNOTS



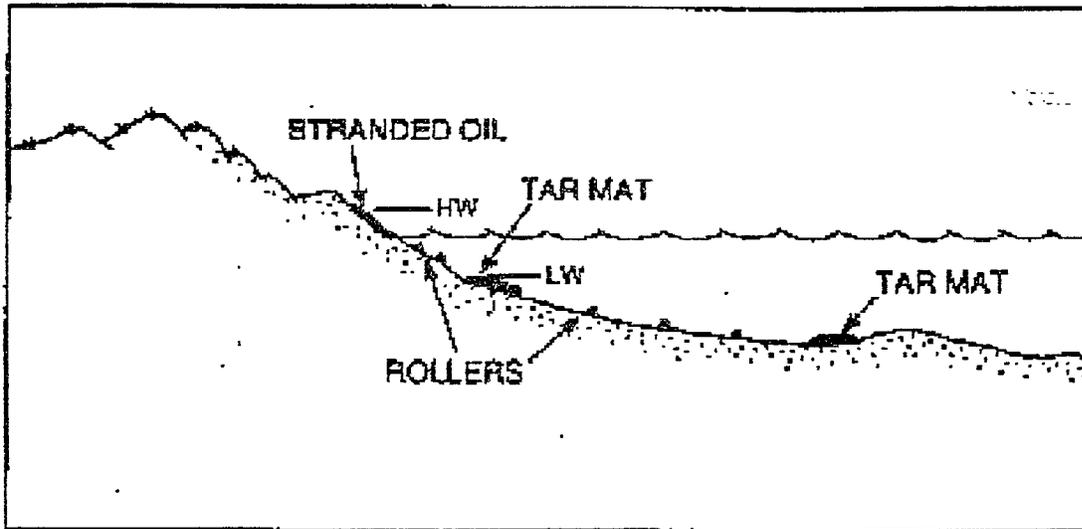
Benthic organisms are seldom at risk from traditional oil spills. However, with heavier-than-water spills, additional impacts to benthic resources are likely to occur from smothering as well as increased exposure to residual oil that was not recovered. As a corollary, impacts to shoreline habitats and animals that use both the shoreline and water surface should be less from sinking oils.

D. MODEL 3. OIL INITIALLY FLOATS - MIXES WITH SAND, THEN SINKS



Containment and removal efforts for sinking oil will have low effectiveness. Removing submerged oil is very slow and usually generates large volumes of contaminated water and sediment. In fact, removal of the submerged oil is enhanced when contained by natural or existing features. Oil which sinks in other areas is subject to tidal currents and maybe dispersed over large area, making it impractical to recover.

**E. MODEL 3. OIL INITIALLY FLOATS - STRANDS ON BEACH - OIL/BED-
MENT MIXTURE TRANSPORTED TO NEARSHORE BOTTOM**



Containment and removal efforts for neutrally buoyant oil will likely be ineffective. There are no proven techniques for containing oil in the water column, or for removing oil from large volumes of water.

V Resources at Risk should be evaluated in Annex E of the LIS ACP. An outline of natural resources to consider are:

- **Shoreline Habitats**
 - Marine and Estuarine
 - Freshwater
 - Benthic Habitats
 - Submerged Aquatic Vegetation
- **Biological Resources at Risk**
 - Birds
 - Fish
 - Shellfish
 - Reptiles
 - Marine and Terrestrial Mammals

VI National/Historical Cases involving Group V Products:

- a. SS Sansinena, Los Angeles, California, 1976
- b. T/S Mobil oil, Columbia River, Oregon/Washington, 1984
- c. Tank Barge MCN-5, Puget Sound, 1988
- d. Bouchard 155, Tampa Bay, Florida, 1993
- e. Barge Morris J. Berman, San Juan, Puerto Rico, 1994

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VII Partial list of various sub-contractors available for Group V oil recovery:

Sub-Sea International Inc.
701 Engineers Rd.
Belle Chase, LA 70037
Andy Watt (800) 800-7744
(504) 393-7744 (504) 392-0351

Eason Diving & Marine Contractors, Inc.
2668 Spruill Ave.
Charleston, SC 29415
Tom Eason (803) 747-0548 (803) 747-2728

Divers Mechanics, Blackwood, NJ
Rich Florio, 609-227-9262 (S. Jersey)
(Divers Only)

In-Depth Marine Construction
Toms River, NJ 908-270-6812 (Central Jersey)
(Diving and Dredging)

American Dredging- Weeks Marine
Camden, NJ (609-963-0963) I
(Dredging Only - Subs divers when needed)

Smith Brothers, Galesville, MD
Jeff P. Smith (410- 867-1818)
(Dredges, Clam Shells, Barges, Tugs)
(Chesapeake Bay-Annapolis area)

Wrightsville Beach, NC
Burt Lea (919-256-5780)1 (N.C. Shore Area)
(Tugs, Dredge and Salvage)

International Diving Service
Moca, PR, (809-877-5136/809-759-7678)
Attn: Rafael Pena
(Commercial Diving-Spill Experienced)

Antilles Diving Service, Inc.
San Juan, PR
Joe Rodriquez (809-793-1164)
(Commercial Divining-Spill Experienced)

Marine Consultants
Santurce, PR
Dave and "John Laming (809-728-8701)
(Commercial Diving- (Puerto Rico based)

American Oilfield Divers, Inc.
Lafayette, LA (318-234-4590) (Gulf Coast)
American Inland Divers
(Ohio Valley Area)
(Commercial Diving, Barge and Clamshell)

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Oil Spill Response Phase IV Documentation and Cost Recovery

1. Federal response involvement requires timely action to obtain all necessary information to insure later identification of the party responsible for removal, recovery of costs related to Federal, state and local government property. The National Pollution Fund Center Technical Operating Procedures detail cost recovery requirements and procedures.
2. The OSC is responsible for insuring all reports of discharges of oil or hazardous substances are investigated. Investigations should establish that all elements of the violations [311 (b)(3) of the Act] are present and that evidence to support each element is well documented.
3. Detailed instructions relating to documentation of pollution incidents are set forth in Coast Guard Commandant Instruction M16000.10 and .11, the Marine Safety Manual Volume V Chapter 5 - Pollution Investigations (being developed) and Volume VI Chapter 7 - Pollution Response. Instructions are also contained in Annex VI to the National Contingency Plan, Annex VIII to the Region II Plan and Annex VI to this Plan.

List of Figures

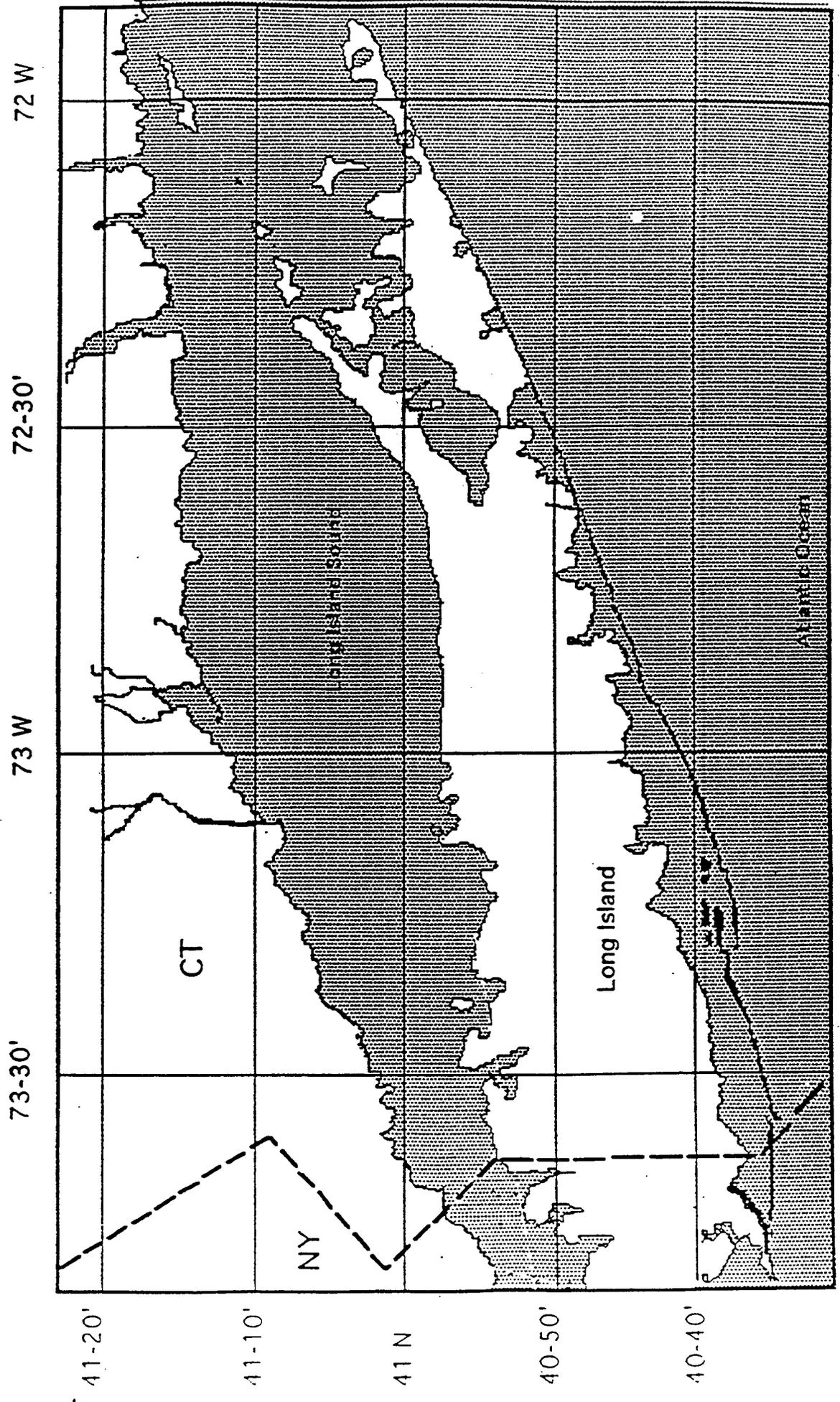
- FIGURE (1) COTP LIS AREA OF RESPONSIBILITY
- FIGURE (2) NATIONAL RESPONSE SYSTEM
- FIGURE (3) OSC FUNCTIONAL ORGANIZATION
- FIGURE (4) NOTICE OF FEDERAL INTEREST
- FIGURE (5) NOTICE OF FEDERAL ASSUMPTION
- FIGURE (6) LETTER OF DESIGNATION OF SOURCE
- FIGURE (7) POLREPS
- FIGURE (8) COTP LIS CONTRACTOR LOCATOR MAP
- FIGURE (9) EMERGENCY NOTIFICATION LIST
- FIGURE (10) MAJOR/MEDIUM SPILL NOTIFICATION CHECK LIST
- FIGURE (24) WATCH QUARTER & STATION BILL (WQSB)

Captain Of The Port Long Island Sound

AREA OF RESPONSIBILITY

USE ONLY AS A GENERAL REFERENCE

FIGURE (1)



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ANNEX N -- MARINE FIRE FIGHTING: OUTLINE

Appendix I: Policy And Responsibility

1. Federal Policy
2. Regional and Local Policy
3. COTP Policy
4. Nonfederal Responsibility

Appendix II: Response Organization

Appendix III: Marine Fire Fighting Scenarios

1. Passenger/Ferry Vessel
2. Tugboat and Tank barge

Appendix IV: Equipment: Capabilities and Shortfalls

ANNEX N -- MARINE FIRE FIGHTING

APPENDIX I: POLICY AND RESPONSIBILITY

1. Federal Policy: Although the Coast Guard clearly has an interest in fighting fires involving vessels or waterfront facilities, local authorities are principally responsible for maintaining necessary firefighting capabilities in U.S. ports and harbors. The Coast Guard will render assistance as available. The Coast Guard maintains this traditional "assistance as available" posture without conveying the impression that the Coast Guard is prepared to relieve local fire departments of the primary responsibility for firefighting. Paramount in preparing for vessel or waterfront fires is the need to integrate Coast Guard planning and training efforts with those of other responsible agencies, particularly local fire departments. The COTP shall work closely with the municipal fire departments, vessel and facility owners and operators, mutual aid groups and other interested organizations.

2. Regional and Local Policy: Whether there is a vessel fire or shoreside fire at a waterfront facility or if there is a fire aboard a vessel that is underway anywhere within the COTP Long Island Sound's AOR, primary responsibility for firefighting lies with the municipality in whose jurisdiction the facility/vessel lies. The municipal fire department in whose jurisdiction the fire lies will be the Incident Commander (IC) for the firefighting activities. As IC, he is responsible for the coordination of all firefighting activities. Assistance may, and in most cases will, be provided by other municipal fire departments via mutual aid agreements. The state fire marshal's office will address any jurisdictional boundary disputes.

3. COTP Policy: The two main Coast Guard entities responsible for response to a maritime fire are Coast Guard Captain of the Port/Group Long Island Sound and Coast Guard Group Moriches. The Captain of the Port is responsible for providing commercial vessel expertise, knowledge in shipboard firefighting systems, stability, vessel damage control, vessel design and structure and pollution response. Also, the COTP is tasked with contingency planning for marine firefighting. During an incident, the Unified Command System will be activated to coordinate response to the fire (See Annex B). In general terms, the Groups are responsible for overseeing the operations of Coast Guard vessels. This includes, but is not limited to, assisting in firefighting activities, conducting search and rescue missions and enforcing safety zones.

a. Captain of the Port. COTP Long Island Sound is tasked with the following responsibilities during a vessel or waterfront facility fire in the COTP Long Island Sound AOR.

- 1) Provide technical assistance to the Incident Commander regarding vessel design, structure, and stability.
- 2) Procure all available data and information on the vessel and its cargo which may be of use to the IC in firefighting and/or salvage operations.
- 3) Provide coordination for any requested Coast Guard assistance such as vessel traffic control, oil pollution response and hazardous material response.
- 4) For a shipboard fire, the formal establishment of UCS sections may be needed. These sections are outlined in the Field Operations Guide (FOG) which is incorporated by reference to this plan. Based on the circumstances surrounding the incident, the UCS may be established at various locations throughout the COTP zone.

The COTP shall also be responsible for fire prevention on board vessels and waterfront facilities. To meet these goals, the COTP shall:

- 1) Inspect foreign and U.S. flag vessels in accordance with applicable Coast Guard policy to ensure that vessels meet minimum SOLAS and U.S. regulatory requirements.
- 2) Inspect all waterfront facilities over which the CG has jurisdiction in order to minimize fire hazards.
- 3) Collaborate with municipal fire departments regarding the results of the above inspections.

Additionally, the COTP is tasked with contingency planning. Planning must be a multi-agency, multi-jurisdictional activity. Cooperation among the response agencies during the planning stages is paramount for a successful incident response. Therefore, the COTP shall:

- 1) Provide a forum for members of the emergency response community and the maritime industry to improve the Port's readiness to respond to an actual or threatened emergency.
- 2) Identify and clarify agency roles under the Unified Command System.
- 3) Identify command, control and communications procedures among the local fire departments, state and federal agencies and other concerned response parties.

- 4) Develop a wide range of information and data - such as anchorage information, pier data, listings of contact points for local salvage companies, naval architects, etc. - to assist Incident Commanders in the decision-making process during an incident.

b. Group Commander. Coast Guard Group Moriches is tasked with the following responsibilities during a vessel or waterfront facility fire within their AOR.

- 1) Provide suitable Coast Guard vessels (as available) to assist the Incident Commander in combatting the fire.
- 2) Assume the role of On Scene Commander (OSC) for all search and rescue (SAR) operations which may be necessary as the result of the incident.
- 3) If a Safety/Security Zone is activated by the COTP, provide suitable Coast Guard vessels (as available) to enforce the Safety Zone around the burning vessel or facility.
- 4) Coordinate the activities of all waterside assets not involved in firefighting such as marine police boats, Coast Guard Auxiliary vessels, etc.

4. Non-Federal Responsibility: There are numerous other agencies, parties and individuals whose assistance and expertise will be invaluable in any major maritime incident. The following is a partial listing of these parties who will likely play an important role in an incident.

- | | |
|---------------------------------|------------------------------|
| o Vessel owner representative | o Vessel Agent |
| o Municipal Police Department | o Emergency Medical Service |
| o Foreign Consulate | o Pilots |
| o Tug Operators | o Marine Police |
| o Marine Chemists | o Naval Architects |
| o Pollution Cleanup Contractors | o Red Cross |
| o State Fire Marshal's Office | o Army Corps of Engineers |
| o Occup. Safety & Health Admin. | o State Emerg. Mngmt. Agency |

APPENDIX II: RESPONSE ORGANIZATION

1. Long Island Sound Response Organization: In accordance with long-standing Coast Guard policy, the senior local fire department officer at the scene of an incident shall serve as Incident Commander and assume overall command of operational response personnel and assets. In all cases, the Unified Command System will be utilized, as with spill response, to coordinate the joint response to the fire by all federal, state, and local agencies.

While the Coast Guard has an interest in fighting fires involving vessels and waterfront facilities, this interest does not extend to preemption of local responsibility and authority for firefighting. The Coast Guard traditionally renders assistance as available, commensurate with each unit's level of training and the adequacy of equipment.

a. Factors used to develop and implement the Coast Guard's "Assistance as Available" include:

- 1) Fire threat level
- 2) Capabilities of local fire departments
- 3) Jurisdictions involved
- 4) Availability and capability of Coast Guard equipment including personnel protective equipment, fire fighting equipment, and ship's stability calculations
- 5) Level of training of Coast Guard personnel

b. Traditional response roles for the Coast Guard include:

- 1) Restricting access to the affected area and controlling marine traffic by the use of Safety/Security Zones
- 2) Conducting Search and Rescue (SAR) activities
- 3) Making notifications to local agencies and others, both internal and external to the Coast Guard, able to assist with vessel issues
- 4) Coordinating response with local emergency services
- 5) Coordinating possible oil/hazardous material spill response that may occur as a result of the fire

APPENDIX III: MARINE FIRE FIGHTING SCENARIOS

[NOTE: The scenarios are used to illustrate the type of responses planned within the COTP Long Island Sound AOR.]

TAB A. Passenger/Vehicle Ferry

SCENARIO: A passenger/vehicle ferry is enroute from Bridgeport, CT to Port Jefferson, NY and reports an engineroom fire while abeam Stratford Shoals light. The vessel has approximately 500 passengers and 20 crew members aboard and 65 vehicles. The fire suppression system is ineffective and the fire quickly spreads to the upper decks. The crew abandons the engineroom and subsequently the vessels main engines fail.

WX: Spring
Air temp 74 F
Water temp 45 F
Winds SW @ 10 kts
Heavy Fog

Typical initial response actions would include:

- o Evaluating the need to evacuate personnel.
- o Once the determination is made to evacuate people, getting them off quickly and safely.
- o Secure the vessel in a suitable location or at anchorage.
- o Set appropriate fire zones to reduce the possibility of the fire spreading and maintain vessel stability.
- o Mount an appropriate response to the fire, including the need to dewater the vessel.

Shortfalls:

1. Trained personnel: There are no municipal firefighters who have been trained (IAW NFPA 1405) to fight shipboard fires. Funding to pay for this specialized training is the most difficult problem.
2. Fire-Fighting Equipment: Large designated fireboats do not exist in this AOR. The City of New Haven owns the "SALLY LEE", a currently decommissioned firefighting vessel which is not immediately available in the event of an emergency.
4. Communications: Multiple radio frequencies may be difficult for the IC to effectively direct all assets on scene.
5. Vessel fire plans are not maintained by responding fire departments. Vessel plans will need to be retrieved from the scene.

TAB B. Tug and Barge in Thames River

SCENARIO: A tug is pushing a fully loaded tankbarge upstream in the Thames River. The barge is carrying 100,000 barrels of gasoline. The tug loses power and the barge allides with the Rte 95 Bridge. The barge ruptures three tanks and is impaled on the bridge. Gasoline fumes spread across the river and ignite. The barge cannot be removed from the bridge and burns out of control.

WX: Summer
Air temp 90 F
Water temp 68 F
Winds SW @ 15 kts
Unlimited visibility

Typical initial response actions would include:

- o The Coast Guard would immediately set up safety zones on both sides of the river to restrict access.
- o State and local Police would secure the bridge traffic until the fire is out and a structural integrity survey is completed.
- o Issuing a Urgent Marine Information Broadcast (UMIB) concerning the situation over VHF radio to advise mariners that the river is closed and solicit for commercial assistance.
- o Consider booming priority protection areas to stop the spreading and pocketing of gasoline.
- o Assist New London and Groton Fire Chief's, the likely Incident Commander, in obtaining additional foam to mount an effective response.
- o Involve barge owner. Have them arrange an effective response including determining equipment needed to remove the barge from the canal.
- o Involve federal, state and local safety and public health officials to determine public health threats, need to evacuate personnel and appropriate safety precautions for responders.

Shortfalls:

1. Similar shortfalls as those noted in the previous scenario. However, additional foam might be needed to put out the tank barge fire if a large amount of product is discharged/engulfed.
2. Additionally, responders should realize the added complication posed by potential traffic rerouting and emergency vehicle access as this main highway would be closed pending a structural evaluation.

APPENDIX IV: EQUIPMENT: CAPABILITIES & SHORTFALLS

a. The following is a listing of Marine Based Fire Fighting (FF) shortfalls throughout the MSO Long Island Sound AOR. The shortfalls have been identified for two scenarios, a marine terminal fire and incident at the South Shore Long Island Lightering area. The following pages specifically point out the accessibility to pre identified FF equipment with listed response times for a more detailed analysis.

b. Shortfall for Harbor Areas: In the major petroleum harbor areas throughout the zone, which include New London, New Haven, and Bridgeport, specific marine fire fighting equipment response times are at best six hours. Fire fighting pumpers trucks and adequate shore based response personnel with sufficient amounts of foam are present in most cases. However, many marine terminals have moorings which are on piers that are not readily accessible to land based resources. This presents a problem as a land based resource could not effectively fight a fire from a Tank Barge/Tank Ship which is tied up to the dock. The specific shortfalls have been identified:

- 1) Slow response times of Marine FF boats due to location outside the AOR.
- 2) No resources are immediately available to effectively address a large fire from a barge or ship during cargo transfers at a pier.

c. Shortfall Lightering Area South Shore Long Island: The lightering area specifically south of Long Island presents an entirely different scenario from the marine terminal situation within the harbor areas. However, the shortfalls are similar in that response times to the incident are approximately 4 to 5 hours. If the equipment was to arrive within specified response times only a limited amount of FF foam is available from the contracted resources. Based upon this the following shortfalls have been identified:

- 1) Slow response times for Marine FF boats due to location outside the AOR.
- 2) Limited amount of foam available from the contracted resources.
- 3) Limited amount of Marine FF personnel are currently available for a long term fire which could last more than two days.

ANNEX O -- HAZARDOUS MATERIAL RESPONSE: OUTLINE

Appendix I: Policy And Responsibility

1. Federal Policy
2. Regional and Local Policy
3. Coast Guard Policy

Appendix II: Response Resources

1. Coast Guard and other Federal Resources
2. CT State Resources
3. RI State Resources
4. NY State Resources
5. Other Resources

Appendix III: Hazardous Material Response Planning

1. Listing of Hazmat facilities
 - a. New York facilities
 - b. Connecticut facilities
2. Planning Scenarios

ANNEX O -- HAZARDOUS MATERIALS RESPONSE

APPENDIX I: POLICY AND RESPONSIBILITY

1. Federal Policy

a. In accordance with the National Contingency Plan (40 CFR 300.120), the Coast Guard provides predesignated Federal On-Scene Coordinators (FOSC) for responses to immediate releases or substantial threats of immediate releases of hazardous chemicals in the coastal zone from non-Department of Defense Activities. The FOSC's jurisdiction and authority within this zone includes releases of hazardous substances, pollutants, or contaminants into all environmental media - air, land, groundwater, and surface waters.

b. The response functions that Coast Guard FOSCs carry out in the event of a chemical release are divided into several sections:

i. Conducting local contingency planning for response to hazardous chemical releases.

ii. Conducting traditional COTP response measures such as restricting access to the affected area and controlling marine traffic; notifying facilities operating vulnerable water intakes of the release; coordinating with state and local emergency forces; and assisting as resources and capabilities permit.

iii. Conducting a preliminary assessment of the incident to: (1) evaluate the magnitude of the threat to the public health and welfare and the environment, (2) determine if response action by the spiller and/or the state and local government is adequate, (3) establish jurisdiction for a Federal response, and (4) collect the data necessary to formulate a response plan if a Federal response using the FOSC's CERCLA authority is warranted.

iv. Contacting the owner and or operator of the source of the release, if known, to inform them of their potential liability under the National Contingency Plan and Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) authority for government removal costs, to explain the Coast Guard's role as FOSC, and to gather information for response and port safety purposes.

2. State Policy

a. **CONNECTICUT:** In the event of a hazardous material release, the local fire department shall be immediately contacted and will assume the role as the Incident Commander. (This Incident Command role is required under CT State law). If the release is beyond the capability of the responsible party or local fire department to contain and cleanup, the Incident Commander may activate the State Department of Environmental Protection for assistance. This dept has 16 emergency responders who have extensive experience in responding to HAZMAT incidents and LEVEL A capability.

b. **RHODE ISLAND:** In the event of a hazardous material release, the local fire department shall be immediately contacted and will assume the role as the Incident Commander. (However, unlike Connecticut this Incident Command role is not specifically outlined under Rhode Island State law.) Since Rhode Island has no dedicated hazardous materials response teams, if the release is beyond the capability of the responsible party or local fire department to contain and cleanup, the Incident Commander may contact RI Department of Environmental Management to provide technical assistance and activate one of their hazardous material contractors.

c. **NEW YORK:** In the event of a hazardous material release, the local fire department shall be immediately contacted and will assume the role as the Incident Commander. Long Island has two counties (Nassau and Suffolk) who have hazardous materials response teams which are available 24 hrs a day to assist the local fire departments to contain and cleanup the incident.

d. Depending on the magnitude of the release and the number of individuals affected (through evacuation, illness), state Emergency Management Agencies could be involved to assist in mass evacuations, communications, public affairs, and inter-agency coordination. State and local public health agencies could also be involved with risk communication to the general public and medical personnel.

e. If response actions by both local and state response agencies are deemed inadequate by the OSC, a Federal response using the FOSC's CERCLA authority may be warranted. Unlike funding under the Oil Pollution Act of 1990, CERCLA funding is not directly accessible to State OSCs.

3. U.S. Coast Guard Policy

a. Notwithstanding the responsibilities outlined in the Federal Policy listed above, within MSO Long Island's zone, the Coast Guard's role as a Federal On-Scene Coordinator should be initially directed primarily at the overall monitoring of a hazardous material release. Because MSO Long Island Sound is **Level D response capable only** due to equipment and training restraints, personnel shall **never** enter a hazardous environment, requiring skin or respiratory protection.

Prior to initiating any response involving a hazardous substance, a full assessment of the personnel hazards shall be conducted using the appropriate references. If a Coast Guard response team is dispatched to the vicinity of the incident, they should report to the on-scene command post (outside the hazard area) to collect information, provide on scene communications, command and control.

Factors in dictating the Coast Guard's level of involvement are:

- 1) The type and quantity of material released
- 2) Capabilities of local/state resources
- 3) Location of the release (i.e., aboard a vessel)
- 4) Availability and capability of response equipment
- 5) Level of training of Coast Guard Personnel

b. The Unified Command System will be utilized, as with spill response, to coordinate the joint response to the incident by federal, state, and local agencies. For hazardous materials incidents declared by the Governor's office as a "state of emergency", it is expected that the Governor will select the state's lead representative in the unified command. This lead representative may be the state's Office of Emergency Management if the overriding concerns are public health and welfare or the Department of Environmental Conservation/Management/Protection when the main emphasis of the incident is the response to the specific hazardous material. When the state's Office of Emergency Management serves as the state's representative in the unified command cell, it is expected that the Department of Environmental Management Conservation/Protection will be a key player in both the operations and planning sections by focussing on and coordinating the response to the hazardous materials. For incidents not declared by the governor as a "state of emergency", it is expected that Rhode Island's Department of Environmental Management or Connecticut's Department of Environmental Protection or New York's Department of Environmental Conservation will retain their role as state's representative in the unified command.

APPENDIX II: HAZARDOUS MATERIAL RESPONSE RESOURCES:

1. Federal Resources

- a. EPA Region I Emergency Response Division: (617) 223-7265
Capability: Level B response, technical assistance, field sampling and analysis and air monitoring. They also have Level A response capability available through a contractor.
Emergency Response Team in Edison, NJ: (732) 321-6660
Capability: Ability to assess hazard, routinely deal with major hazardous material incidents nationwide. Immediately available to an OSC.
- b. Agency for Toxic Substance/Disease Registry: (617) 223-5590 or (404)639-0615
Capability: Modeling/Qualitative Assessment. Based in Atlanta and with an office in Boston. ATSDR can give advice on public health risks and general response actions over the phone.
- c. NOAA SSC: (212) 668-6428
Capability: Modeling, Qualitative and Quantitative Chemical Assessment from contract and in house research chemists. On-Scene Responder.
- d. U.S. Coast Guard Atlantic Strike Team: (609) 724-0008/0009
Capability: 6-10 Responders who have the training and equipment to make LEVEL A entries. Direct access to an extensive chemical library which enables them to provide guidance to responders.
- e. U.S. Coast Guard MSO Long Island Sound: (203) 468-4444
Capability: 10 responders in Level D only. Direct access to computer database and chemical library to provide modeling and chemical assessments for responders. Access to CERCLA funding which can be used to hire commercial hazmat teams to respond to scene.

2. Connecticut State Resources

- a. Department of Environmental Protection (DEP) - This dept has 16 emergency responders who are on call 24 hrs a day and have extensive experience in responding to HAZMAT incidents and all are trained and carry equipment to respond in LEVEL A. These personnel are available 24 hrs a day to assist local agencies. 24 hr telephone number is (860) 424-3377

3. Rhode Island State Resources

- a. Rhode Island Department of Environmental Management:
(401) 222-3070
Capabilities: DEM has 2 level A trained and equipped responders on-staff to offer technical advice and assistance. They also oversee several state-run contracts for Hazardous Material response.
- b. Rhode Island Office of Emergency Management: (401) 946-9996.
The state's lead coordinating agency.
- c. Rhode Island Department of Health: (401) 272-5952.

4. New York Resources

Department of Environmental Conservation, 24 hr (518) 457-7362

Dept of Environmental Conservation, Stonybrook (516) 444-0323

NASSAU COUNTY: County Hazmat team which is available to assist local Fire Departments: 24 hr (516) 573-7606

SUFFOLK COUNTY: County Hazmat team which is available to assist local Fire Departments: 24 hr (516) 924-5252

5. Other Resources

- a. Local clean up contractors do have the capability of responding to hazardous material responses in the COTP Zone. Their duties are primarily sampling, removal and disposal. A list of these companies and their equipment is listed in Tab B to Annex F.
- b. CHEMTREC (Abbreviation of Chemical Transportation Emergency Center) (1-800-424-9300) is a division of the Chemical Manufacturers Association (CMA) established as an emergency information source for transportation accidents involving flammable, toxic, or explosive materials (Note: this center works for and represents the interest of the CMA).

Only in an actual chemical spill, leak, or exposure will CHEMTREC be involved (normally CHEMTREC doesn't get involved when only the potential for a release exists). Given the chemical and the shipper's name, CHEMTREC normally can put you in touch with the shipper who can better detail the hazards of the material which you are dealing with. CHEMTREC will also fax you a copy of the material's MSDS.

It is important to understand that CHEMTREC is not intended and is not equipped to function as a general information source but by design is confined to dealing with chemical transportation emergencies. For this purpose, call CMA's Chemical Referral Center.

- c. **Chemical Manufacturer's Association's Chemical Referral Center** (1-800-CMA-8200) should be called if there are questions about chemicals of a non-emergency nature.
- d. **Bureau of Explosives, Association of American Railroads** (accessed through CHEMTREC (1-800-424-9300) generally have the same capabilities as CHEMTREC for hazardous material releases involving railroads. In a major spill, they will send a BOE inspector to advise the Response Management Team on the proper way to deal with the material. Some trains are unique in that they have a bar code on them which enables rail companies to track their location. BOE might have access to that type of information.
- e. **Chlorine Response Plan - CHLOREP.** (accessed through CHEMTREC) was set up to assist the incident commander in cases involving chlorine. Over 200 response teams are set up throughout the country to respond to chlorine incidents 24 hours/day, 7 days/week. For further information on CHLOREP: (202) 775-2790.

The vessel's, train's or truck's crew normally will have **shipping papers (and/or a dangerous cargo manifest** containing information on the hazardous material involved. In a rail yard, shipping, or truck terminal, the papers are usually in the dispatcher's office.

Placards applied to vehicles and/or labels on packages may help identify the presence or absence of hazardous materials (**UN Number** on the placard identifies the substance inside, hazard codes detail precautions to take with regard to health, flammability, or reactivity (shock, contact with water)), but the shipping papers/dangerous cargo manifest are the best source of on-scene identification information.

In a rail or vehicle accident, if the shipping papers and/or placards or labels are destroyed, the number on the rail car or motor vehicle can often be used to secure the name of the commodity being carried. Rail car numbers are a series of letters followed by a series of numbers, as in the following example: ABCX12345. Many tank trucks use a similar pattern.

Rail Cars also have a **Standard Transportation Commodity Code (STCC)** (example: 4919114, 49 is the Code of Federal Regulation which the material is regulated under). A listing of all STCC materials is located in the Coast Guard MSO's Library under Emergency Handling of Hazardous Materials in Surface Transportation.

APPENDIX III TO ANNEX O

Facilities which store Hazardous Materials

1. The following facilities are located in or near the coastal areas of Connecticut and New York which could potentially involve the COTP LIS as the FOSC in a response to a release of chemicals. This list was derived from information provided by the State Emergency Response Commissions and Local Emergency Planning Committees. The SARA Title III tier II forms were utilized to develop the following information, however not all facilities which submitted Tier II forms to the appropriate State or Local agencies are included in the below list. All volumes are listed in lbs unless otherwise noted. Some volumes of chemicals were not available at the time of print, however they will be updated as the information becomes available.

a. New York Facilities

Facility Name/Address	Chemical	Volume (lbs)
SUFFOLK COUNTY		
(1) Lilco (Northport) Eatons Neck RD Northport, NY 11768	<u>Hydrazine</u>	100,000
	<u>Sulfuric Acid</u>	1,000,000
(2) Lilco (Port Jeff) Beach ST N/O RT 25-A Port Jefferson, NY 11776	<u>Sulfuric Acid</u>	10,000
(3) Agway Riverhead Box 535 Riverhead, NY 11901	<u>Azinphos-Methyl</u>	1,000
	<u>Endosulfan</u>	1,000
	<u>Phorate</u>	10,000
	<u>Disulfoton</u>	1,000
	<u>Paraquat</u>	1,000
	<u>Methamidophos</u>	1,000
	<u>Methomyl</u>	10,000
(4) Additive Circuits West Lane Aquebogue, NY 11931	<u>Formaldehyde</u>	100,000
	<u>Sodium Cyanide</u>	1,000
	<u>Sulfuric Acid</u>	100,000
	<u>Chlorine</u>	1,000
(5) Lebanon Chemical Corp South Railroad Avenue Jamesport, NY 11947	<u>Lindane BHC</u>	1,000
	<u>Azinphos-Methyl</u>	10,000

(6) Agway-Bridgehampton COOP	<u>Endosulfan</u>	1,000
Snake Hollow Rd.	<u>Paraquat</u>	1,000
Bridgehampton, NY 11932	<u>Methomyl</u>	10,000
	<u>Terbufos</u>	10,000
Facility Name/Address	Chemical	Volume (lbs)

NASSAU COUNTY

(1) H.W. Anderson Prod. Inc.	<u>Ethylene Oxide</u>	10,000
221 South St		
Oyster Bay, NY 11771		
(2) Mill-Max Manufacturing	<u>Sulfuric Acid</u>	10,000
190 Pine Hollow RD.		
Oyster Bay, NY 11771		
(3) Pall Corp	<u>Sulfuric Acid</u>	10,000
30 Sea Cliff Ave.		
Glen Cove, NY 11542		
(4) Photocircuits Corp	<u>Sulfuric Acid</u>	10,000
31 Sea Cliff Ave.	<u>Chlorine</u>	100,000
Glen Cove, NY 11542		
(5) Konica Imaging USA inc.	<u>Formaldehyde</u>	10,000
71 Charles ST	<u>Hydroquinone</u>	10,000
Glen Cove, NY 11547	<u>Sulfuric Acid</u>	1,000
(6) Lilco Glenwood	<u>Hydrazine</u>	10,000
Shore Rd	<u>Sulfuric Acid</u>	100,000
Glenwood Landing, NY 11547		
(7) Regency Creations Inc.	<u>Sodium Cyanide</u>	1,000
One Plaza Rd	<u>Ammonia</u>	10,000
Greenvale, NY 11548		
(8) Lilco EF Barrett	<u>Sulfuric Acid</u>	100,000
McCarthy Rd		
Island Park, NY 11558		
(9) Airmarine Electroplating	<u>Sodium Cyanide</u>	1,000
388 Woodcleft Ave.		
Freeport, NY 11520		
(10) Lea Ronal Inc.	<u>Formaldehyde</u>	10,000
151 Albany Ave	<u>Thiosemicarbazide</u>	1,000
Freeport, NY 11520	<u>Ethylene Diamine</u>	10,000
	<u>Hydroquinone</u>	1,000
	<u>Sodium Cyanide</u>	1,000
	<u>Hydrazine</u>	10,000
	<u>Arsenous Oxide</u>	1,000
	<u>Sulfuric Acid</u>	100,000

(11) **Lea Ronal Inc.**
 272/300 Buffalo Ave.
 Freeport, NY 11520

Sodium Cyanide..... 10,000
Potassium Cyanide..... 100,000
Potassium Silver Cyanide.... 10,000
Sulfuric Acid..... 100,000
Nitric Acid..... 10,000

(b) Connecticut Facilities

Facility Name/Address	Chemical	Volume (lbs)
(1) Edsan Chemical Company 438 East Street New Haven, CT	Ammonium Hydroxide.....	
	Butoxyethanol.....	
	Dibutyl Phthalate.....	
	Ethanolamine.....	
	<u>Formaldehyde</u>	
	Isopropyl Alcohol.....	
(2) Furon CHR Division 407 East Drive New Haven, CT	Potassium Hydroxide.....	
	Toluene.....	
(3) New Haven Terminal * 100 Waterfront St New Haven, CT	Styrene Monomer.....	
	Methanol.....	
	Caustic Soda.....	
(4) Humphrey Chemical Co 48 Devine St North Haven, CT 06473	<u>Bromine</u>	
	Octene.....	
	Maleic.....	
	Anhydride.....	
	Butene.....	
	Hydrogen.....	
	Heptane.....	
(5) H. Krevit 73 Welton St New Haven, CT	Hexane.....	
	Ammonium Hydroxide.....	
	Hydrochloric Acid.....	
	<u>Hydrogen Peroxide</u>	
	Hypochlorite.....	
	<u>Nitric Acid</u>	
	Sodium Hydroxide.....	
	Sodium Hypochlorite.....	
<u>Sulfuric Acid</u>		
(6) Chem Tech Rubber 30 Lenox St New Haven, CT 06532	Tetrachloroethelene.....	
	Toulene.....	

Facility Name/Address	Chemical	Volume (lbs)
(7) Sargent Manufacturing 100 Sargent Drive New Haven, CT	<u>Chlorine</u>	
	<u>Ethylenediamine</u>	
	Heptane.....	
	Hydrochloric Acid.....	
	Methyl Ethyl Ketone.....	
	Potassium Cyanide.....	
	<u>Sodium Cyanide</u>	
	<u>Sulfuric Acid</u>	
(8) Pfiser *	Caustic Soda.....	300,000
	<u>Sulfuric Acid</u>	300
(9) Dow Chemical *	Styrene Monomer.....	14,000,000
(10) Stamford Chemical 66 Viaduct Rd Stamford, CT		
(11) King Industries Scienc Rd Norwalk, CT		
(12) Dupont *	<u>Sulfuric Acid</u>	186,000 gal
(13) Upjohn Chemical Co 410 Sackett Point Rd North Haven, CT		
(14) Perkin Elmer Corp 761 Main Ave Norwalk, CT		

* Denotes Marine designated waterfront facility that takes chemicals to or from vessels with a capacity of 250 BBLs or more.

All chemicals that are underlined are Extremely Hazardous Substances (EHS) as listed in 40 CFR 355 App. A.

Planning Scenarios

2. The two most common types of waterborne incidents that could occur, include a response to a floating drum or response to a grounded vessel/ barge.

Responses to drums are usually isolated and typically don't pose the greatest threat to public health and safety. These responses tend to be short term and are routinely handled by the FOSC or state agency accessing CERCLA funds to identify the contents and authorize the removal of the materials if necessary.

A response to a grounded vessel/barge carrying chemicals creates a greater threat to public health and safety than a drum due the size of the vessel/barge, chemicals carried, and location of the incident. Within the COTP LIS Zone, there are approximately sixty annual transfers of chemicals from ships and barges to designated water front facilities. The facilities which take these chemicals have been identified in paragraph one of this annex. The two most common chemicals transported to facilities within this zone via vessels and barges include Caustic Soda and Styrene.